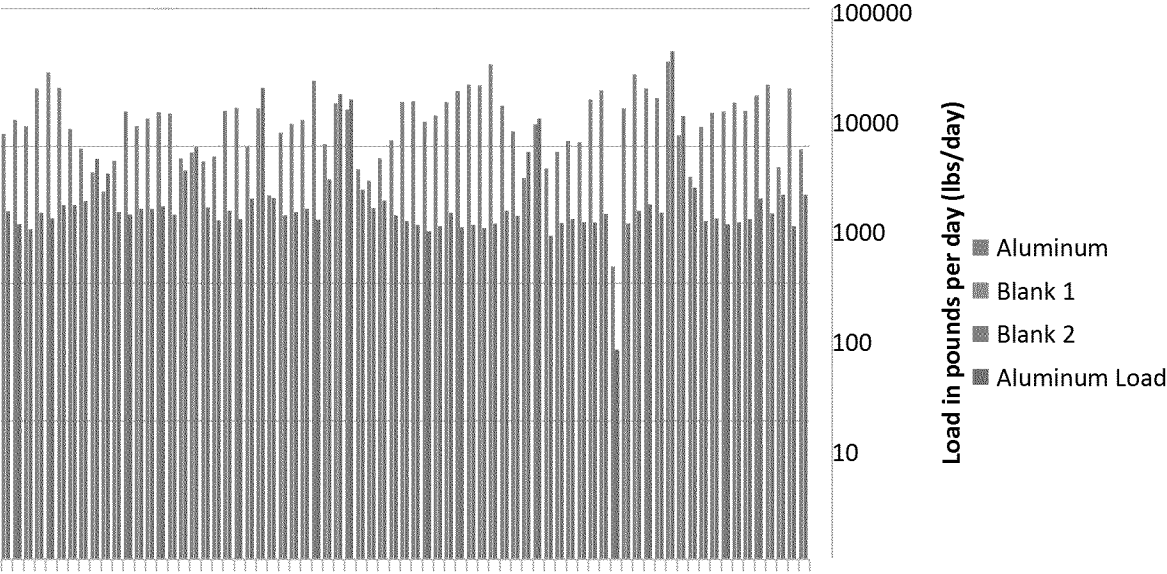


Location	Date	Year	Quarter	Flow (cfs)	Aluminum Total (ug/L)	Aluminum Load (lbs/day)
A72	2/7/95	1995	1st Quarter	86.00	2800.0	1298.82
A72	1/16/96	1996	1st Quarter	64.6	2300.0	801.41
A72	1/8/97	1997	1st Quarter	55.5	2643.0	791.19
A72	1/31/97	1997	1st Quarter	74.0	2826.1	1127.99
A72	2/26/97	1997	1st Quarter	64.8	3149.7	1100.86
A72	2/26/97	1997	1st Quarter	64.8	3472.2	1213.60
A72	3/26/97	1997	1st Quarter	120.0	2100.2	1359.33
A72	2/13/98	1998	1st Quarter	61.3	3706.8	1225.61
A72	3/16/98	1998	1st Quarter	65.2	2728.1	959.40
A72	3/17/10	2010	1st Quarter	51.6	3940	1096.58
A72	3/15/11	2011	1st Quarter	81.0	3310	1446.12

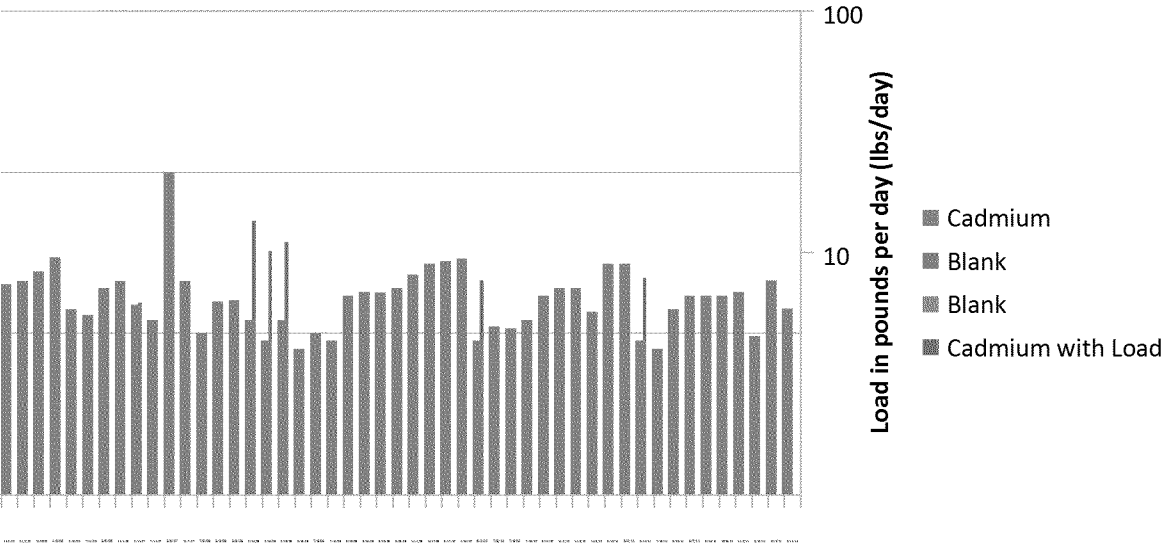




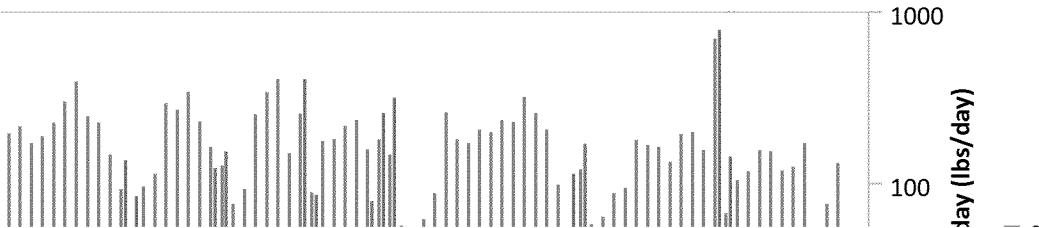
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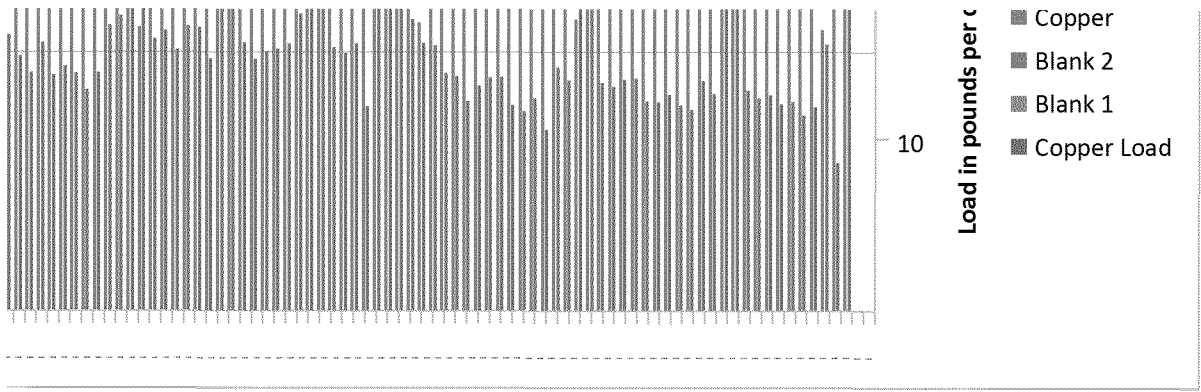


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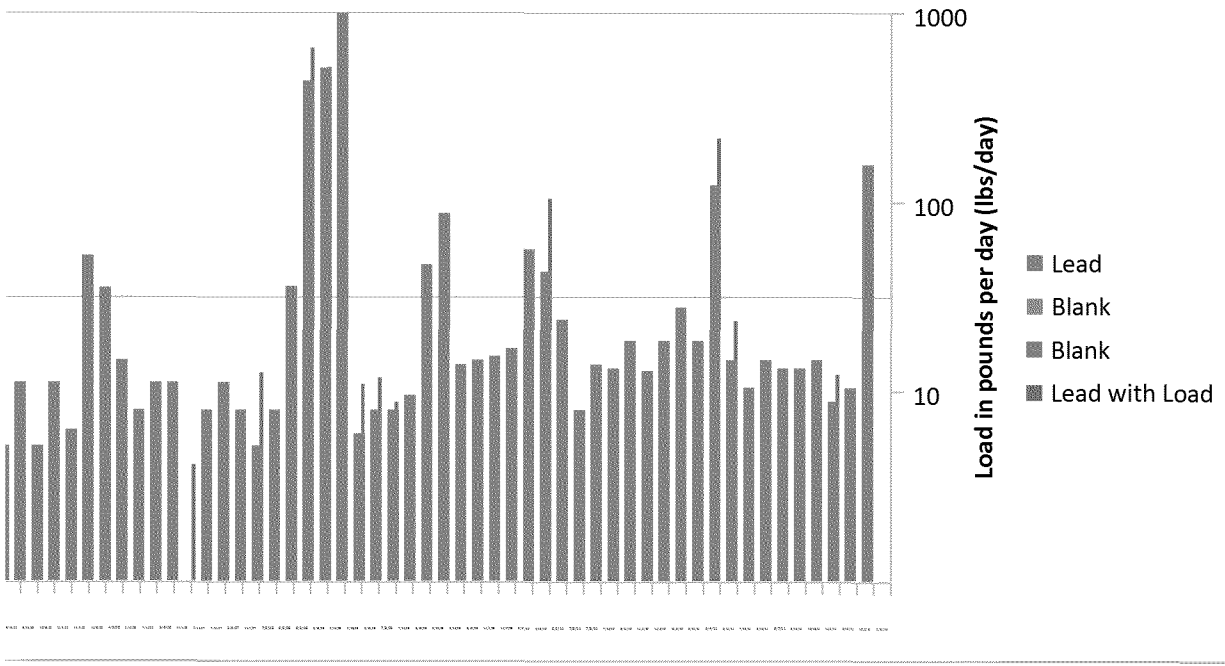


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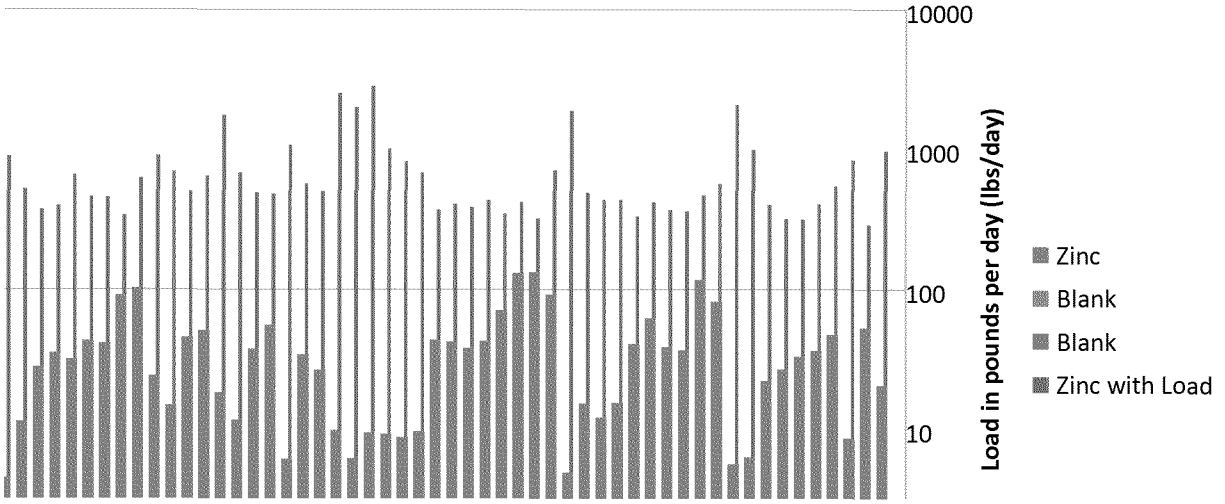


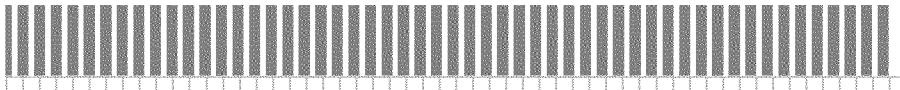


with Load



with Load





THIS PAGE IS A PLACEHOLDER FOR A CHART THAT WAS NOT RENDERED CORRECTLY. THE CHART SHOULD HAVE BEEN A BAR CHART WITH 48 BARS, EACH REPRESENTING A DATA POINT. THE BARS WOULD HAVE HAD VARYING HEIGHTS, INDICATING DIFFERENT VALUES FOR EACH CATEGORY. THE CHART IS ENCLOSED IN A RECTANGULAR FRAME.

Location	Date	Year	Quarter	Flow (cfs)	Cadmium Total (ug/L)	Cadmium Load (lbs/day)
A72	6/23/92	1992	2nd Quarter	965.0	1.60	8.33
A72	9/6/95	1995	3rd Quarter	248.00	4.00	5.35
A72	3/26/97	1997	1st Quarter	120.0	2.00	1.29
A72	4/28/97	1997	2nd Quarter	214.0	2.00	2.31
A72	5/13/97	1997	2nd Quarter	705.0	3.26	12.40
A72	5/20/97	1997	2nd Quarter	1190.0	2.49	15.96
A72	5/28/97	1997	2nd Quarter	547.0	2.00	5.90
A72	6/25/98	1998	2nd Quarter	901.0	2.00	9.72
A72	7/9/98	1998	3rd Quarter	691.0	2.00	7.45







Location	Date	Year	Quarter	Flow (cfs)	Copper Total (ug/L)
A72	6/23/92	1992	2nd Quarter	965.0	8.00
A72	09/06/95	1995	3rd Quarter	248.00	29.00
A72	11/19/96	1996	4th Quarter	100.0	34.27
A72	11/19/96	1996	4th Quarter	100	20
A72	1/8/97	1997	1st Quarter	55.5	33.14
A72	1/31/97	1997	1st Quarter	74.0	31.23
A72	2/26/97	1997	1st Quarter	64.8	28.49
A72	10/22/97	1997	4th Quarter	220.0	41.24
A72	10/22/97	1997	4th Quarter	221	30
A72	11/17/09	2009	4th Quarter	68	46.7
A72	11/3/10	2010	4th Quarter	110.00	26.20









Copper Load (lbs/day)	Location	Date	Year	Quarter	Flow (cfs)
41.64	A72	6/23/92	1992	2nd Quarter	965.00
38.79	A72	9/6/95	1995	3rd Quarter	248.00
18.48	A72	2/26/97	1997	1st Quarter	64.80
10.79	A72	2/26/97	1997	1st Quarter	64.80
9.92	A72	3/26/97	1997	1st Quarter	120.00
12.46	A72	4/28/97	1997	2nd Quarter	214.00
9.96	A72	5/13/97	1997	2nd Quarter	705.00
48.94	A72	6/2/98	1998	2nd Quarter	1190.00
35.76	A72	6/10/98	1998	2nd Quarter	663.00
17.13					
15.54					







<b>Zinc Total (ug/L)</b>	<b>Zinc Load (lbs/day)</b>
240.00	1249.20
390.00	521.69
706.11	246.80
721.65	252.23
862.51	558.26
649.32	749.49
664.02	2524.99
264.62	1698.51
260.98	933.27

<b>Location</b>	<b>Date</b>	<b>Year</b>	<b>Quarter</b>	<b>Flow (cfs)</b>
A72	6/24/92	1992	2nd Quarter	955.0
A72	9/6/95	1995	3rd Quarter	248.00
A72	3/26/97	1997	1st Quarter	120.0
A72	4/28/97	1997	2nd Quarter	214.0
A72	5/13/97	1997	2nd Quarter	705.0
A72	5/20/97	1997	2nd Quarter	1190.0
A72	5/28/97	1997	2nd Quarter	547.0
A72	6/25/98	1998	2nd Quarter	901.0
A72	7/9/98	1998	3rd Quarter	691.0



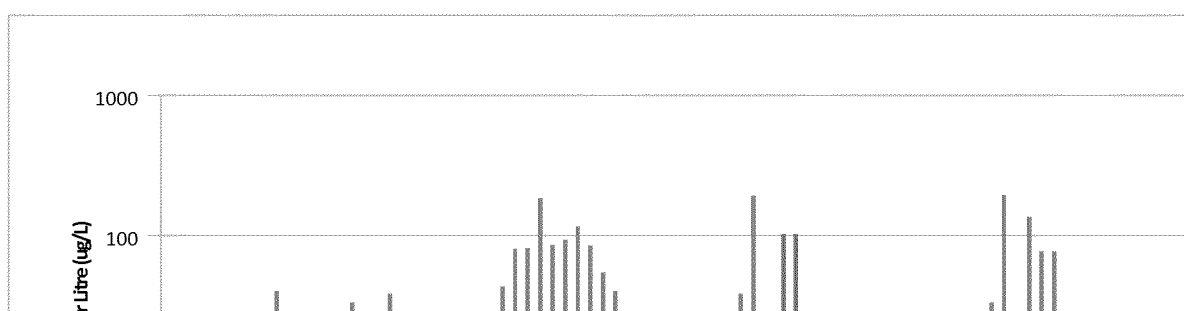
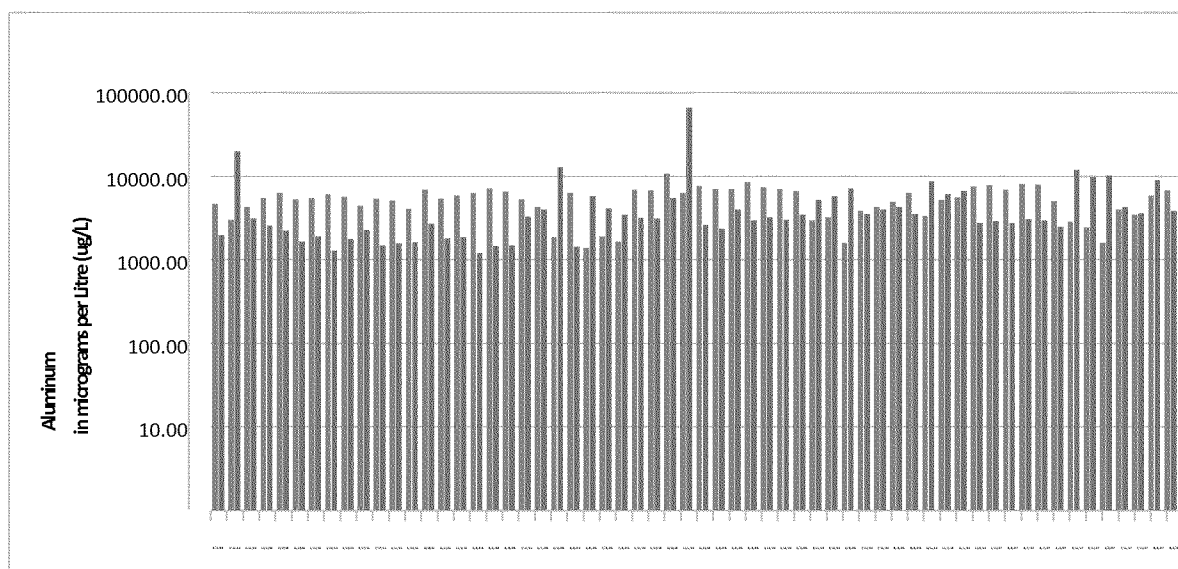
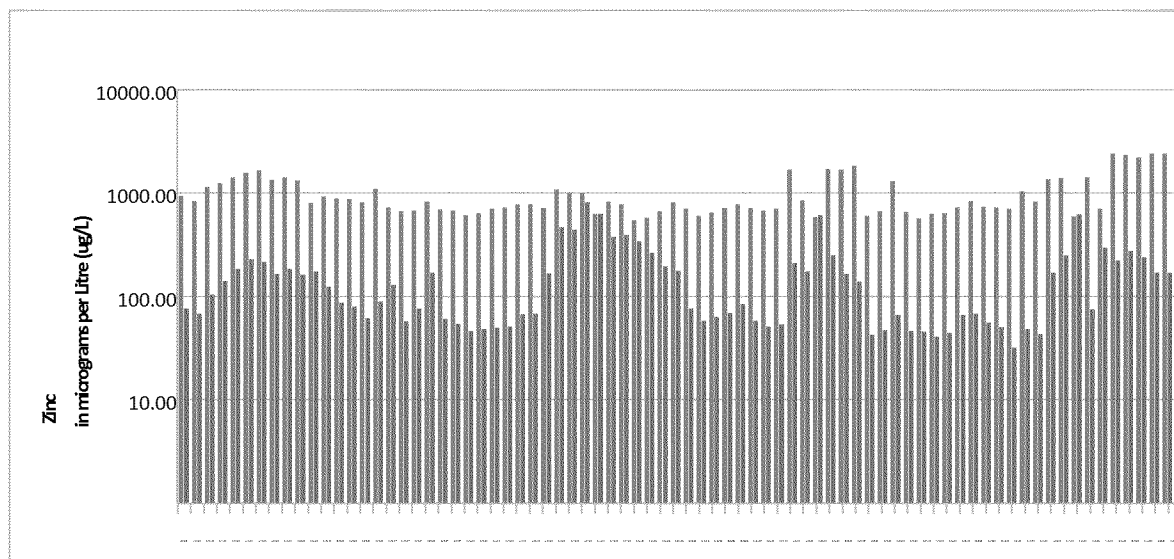


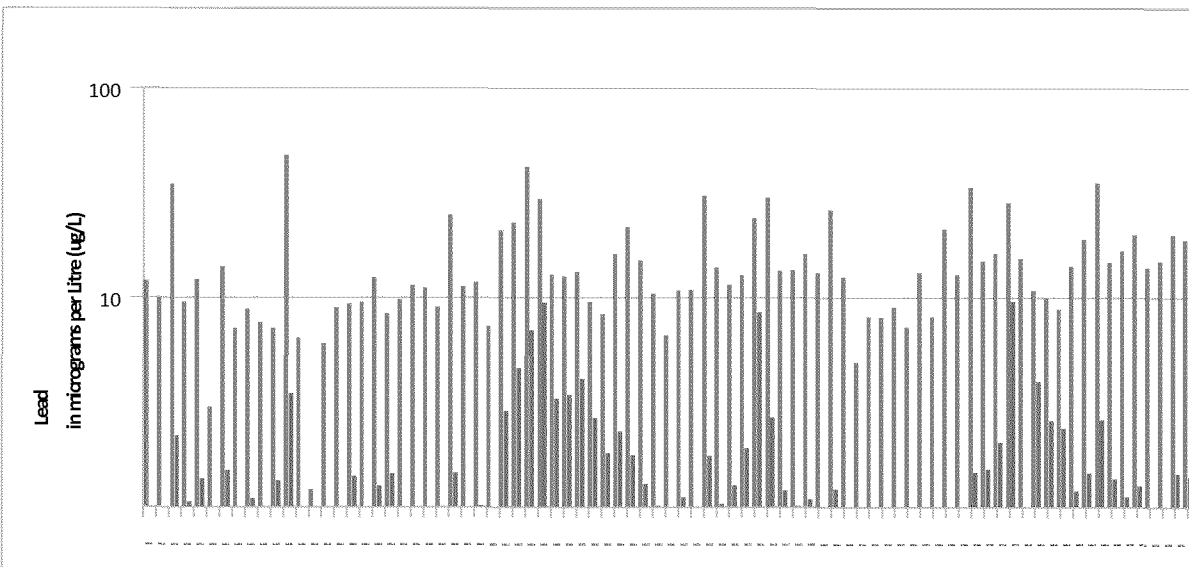
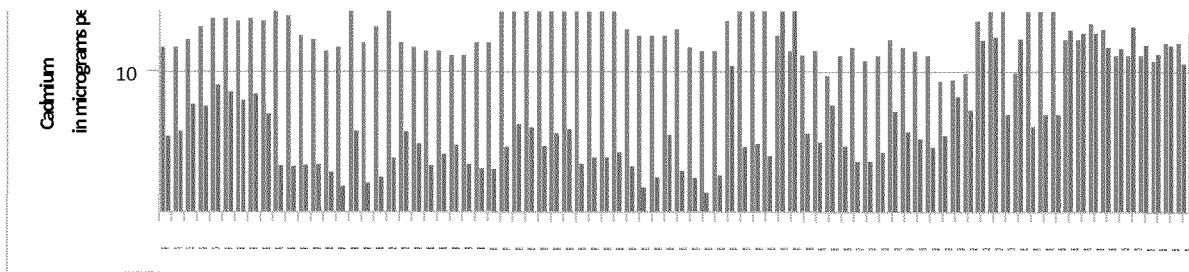




Lead Total (ug/L)	Lead Load (lbs/day)
12.00	61.81
10.00	13.38
30.00	19.42
30.00	34.63
30.00	114.08
30.00	192.56
30.00	88.51
30.00	145.79
30.00	111.81







CC48	12/13/94	1994	4th Quarter	15	935.00	75.65
CC48	1/18/95	1995	1st Quarter	15	840.00	67.96
CC48	2/15/95	1995	1st Quarter	17	1140.00	104.53
CC48	3/1/95	1995	1st Quarter	21	1241.00	140.57
CC48	3/15/95	1995	1st Quarter	24	1418.00	183.56
CC48	4/6/95	1995	2nd Quarter	27	1570.00	228.64
CC48	4/12/95	1995	2nd Quarter	24	1660.00	214.89
CC48	4/19/95	1995	2nd Quarter	23	1331.00	165.12
CC48	5/3/95	1995	2nd Quarter	24	1420.00	183.82
CC48	5/10/95	1995	2nd Quarter	23	1310.00	162.51
CC48	8/16/95	1995	3rd Quarter	40	801.00	172.82
CC48	9/13/95	1995	3rd Quarter	25	918.00	123.79
CC48	10/11/95	1995	4th Quarter	18	884.00	85.83
CC48	11/15/95	1995	4th Quarter	17	865.00	79.32
CC48	12/13/95	1995	4th Quarter	14	814.00	61.47
CC48	1/17/96	1996	1st Quarter	15	1098.00	88.84
CC48	8/13/97	1997	3rd Quarter	33.00	728.00	129.58
CC48	9/11/97	1997	3rd Quarter	16.00	661.00	57.04
CC48	9/17/97	1997	3rd Quarter	21.00	674.00	76.34
CC48	10/15/97	1997	4th Quarter	38.00	824.00	168.89
CC48	11/12/97	1997	4th Quarter	16.00	696.00	60.07
CC48	12/17/97	1997	4th Quarter	15.00	671.00	54.29
CC48	1/14/98	1998	1st Quarter	14.00	613.00	46.29
CC48	2/11/98	1998	1st Quarter	14.00	639.00	48.25
CC48	3/4/98	1998	1st Quarter	13.00	705.00	49.43
CC48	3/18/98	1998	1st Quarter	13.00	728.00	51.05
CC48	4/1/98	1998	2nd Quarter	16.00	776.00	66.97
CC48	4/15/98	1998	2nd Quarter	16.00	782.00	67.49
CC48	4/29/98	1998	2nd Quarter	43.00	713.00	165.37
CC48	5/5/98	1998	2nd Quarter	80.00	1078.00	465.16
CC48	5/13/98	1998	2nd Quarter	81.00	1003.00	438.21
CC48	5/27/98	1998	2nd Quarter	149.00	1003.00	806.08
CC48	6/3/98	1998	2nd Quarter	183.00	631.00	622.83
CC48	6/10/98	1998	2nd Quarter	85.00	817.00	374.57
CC48	6/17/98	1998	2nd Quarter	93.00	777.00	389.76
CC48	6/24/98	1998	2nd Quarter	116.00	544.00	340.37
CC48	7/8/98	1998	3rd Quarter	84.00	577.00	261.43
CC48	7/15/98	1998	3rd Quarter	54.00	667.00	194.27
CC48	7/22/98	1998	3rd Quarter	40.00	815.00	175.84
CC48	8/26/98	1998	3rd Quarter	20.00	704.00	75.94
CC48	9/2/98	1998	3rd Quarter	18.00	601.00	58.35
CC48	9/16/98	1998	3rd Quarter	18.00	646.00	62.72
CC48	10/14/98	1998	4th Quarter	18.00	711.00	69.03

CC48	11/18/98	1998	4th Quarter	20.00	781.00	84.25
CC48	1/13/99	1999	1st Quarter	15.00	716.00	57.93
CC48	2/24/99	1999	1st Quarter	14.00	671.00	50.67
CC48	3/17/99	1999	1st Quarter	14.00	705.00	53.24
CC48	4/1/99	1999	2nd Quarter	23.00	1677.00	208.04
CC48	4/21/99	1999	2nd Quarter	38.00	846.00	173.40
CC48	6/23/99	1999	2nd Quarter	192.00	584.90	605.72
CC48	9/13/99	1999	3rd Quarter	27.00	1700.80	247.69
CC48	10/14/99	1999	4th Quarter	18.00	1685.30	163.62
CC48	11/17/99	1999	4th Quarter	14.00	1833.80	138.48
CC48	12/15/99	1999	4th Quarter	13.00	601.60	42.18
CC48	1/12/00	2000	1st Quarter	13.00	666.50	46.73
CC48	2/28/00	2000	1st Quarter	9.40	1301.60	65.99
CC48	3/15/00	2000	1st Quarter	13.00	654.80	45.91
CC48	6/27/02	2002	2nd Quarter	15.00	565.60	45.76
CC48	7/17/02	2002	3rd Quarter	12.00	624.80	40.44
CC48	8/14/02	2002	3rd Quarter	13.00	634.70	44.50
CC48	9/18/02	2002	3rd Quarter	17.00	720.20	66.04
CC48	10/25/02	2002	4th Quarter	15.00	836.30	67.66
CC48	11/12/02	2002	4th Quarter	14	736.60	55.62
CC48	12/8/02	2002	4th Quarter	13	719.30	50.44
CC48	1/8/03	2003	1st Quarter	8.5	699.30	32.06
CC48	2/1/03	2003	1st Quarter	8.7	1032.80	48.46
CC48	3/9/03	2003	1st Quarter	9.7	823.40	43.08
CC48	4/24/03	2003	2nd Quarter	23	1353.00	167.85
CC48	5/7/03	2003	2nd Quarter	33	1397.00	248.66
CC48	6/2/03	2003	2nd Quarter	194	588.70	616.01
CC48	3/3/04	2004	1st Quarter	9.8	1421.80	75.15
CC48	7/6/05	2005	3rd Quarter	77.00	707.00	293.63
CC48	9/15/05	2005	3rd Quarter	17.00	2410.00	220.98
CC48	10/13/05	2005	4th Quarter	22.00	2321.50	275.48
CC48	11/2/05	2005	4th Quarter	20.00	2193.00	236.57
CC48	12/20/05	2005	4th Quarter	13.00	2408.00	168.85
CC48	1/6/06	2006	1st Quarter	13.00	2400.00	168.29
CC48	1/6/06	2006	1st Quarter	20.00	2551.20	275.21
CC48	2/8/06	2006	1st Quarter	12.00	2384.70	154.35
CC48	3/15/06	2006	1st Quarter	16.00	2360.00	203.67
CC48	3/15/06	2006	1st Quarter	16.00	2214.60	191.12
CC48	4/5/06	2006	2nd Quarter	19.00	2261.00	231.71
CC48	5/10/06	2006	2nd Quarter	59.00	1280.00	407.34
CC48	5/10/06	2006	2nd Quarter	59.00	1310.60	417.08
CC48	6/6/06	2006	2nd Quarter	142.00	707.60	541.96
CC48	7/12/06	2006	3rd Quarter	33.00	1730.00	307.93
CC48	7/12/06	2006	3rd Quarter	33.00	1698.00	302.23
CC48	8/2/06	2006	3rd Quarter	30.00	2333.70	377.62
CC48	9/6/06	2006	3rd Quarter	20.00	2680.00	289.11
CC48	10/11/06	2006	4th Quarter	79.00	1495.50	637.24
CC48	11/1/06	2006	4th Quarter	38.00	1900.00	389.43
CC48	11/1/06	2006	4th Quarter	38.00	2208.20	452.60



CC48	12/5/06	2006	4th Quarter	14.00	3052.10	230.47
CC48	1/11/07	2007	1st Quarter	14.00	3001.30	226.64
CC48	2/6/07	2007	1st Quarter	15.00	3799.60	307.41
CC48	3/7/07	2007	1st Quarter	14.00	2970.00	224.27
CC48	3/7/07	2007	1st Quarter	14.00	2689.70	203.11
CC48	5/11/07	2007	2nd Quarter	119.00	1320.00	847.25
CC48	5/11/07	2007	2nd Quarter	119.00	1221.50	784.03
CC48	6/5/07	2007	2nd Quarter	187.00	678.30	684.16
CC48	7/11/07	2007	3rd Quarter	37.00	1480.00	295.36
CC48	7/11/07	2007	3rd Quarter	37.00	1399.70	279.34
CC48	8/6/07	2007	3rd Quarter	46.00	1960.70	486.48
CC48	9/5/07	2007	3rd Quarter	20.00	2910.00	313.92
CC48	10/25/07	2007	4th Quarter	26.00	2428.10	340.51
CC48	11/7/07	2007	4th Quarter	20.00	2550.00	275.08
CC48	11/7/07	2007	4th Quarter	20.00	2447.20	263.99
CC48	1/2/08	2008	1st Quarter	14.00	3100.00	234.09
CC48	1/2/08	2008	1st Quarter	14.00	2913.80	220.03
CC48	3/12/08	2008	1st Quarter	13.00	2980.00	208.95
CC48	3/12/08	2008	1st Quarter	13.00	2438.00	170.95
CC48	4/10/08	2008	2nd Quarter	15.00	2116.10	171.21
CC48	5/7/08	2008	2nd Quarter	88.00	1360.00	645.53
CC48	5/7/08	2008	2nd Quarter	88.00	1106.70	525.30
CC48	6/3/08	2008	2nd Quarter	304.00	683.80	1121.23
CC48	7/9/08	2008	3rd Quarter	93.00	1050.00	526.70
CC48	7/9/08	2008	3rd Quarter	93.00	1045.60	524.49
CC48	8/5/08	2008	3rd Quarter	36.00	1969.00	382.33
CC48	9/3/08	2008	3rd Quarter	20.00	2500.20	269.71
CC48	10/6/08	2008	4th Quarter	19.00	2726.90	279.46
CC48	11/7/08	2008	4th Quarter	18.00	2830.00	274.76
CC48	11/7/08	2008	4th Quarter	18.00	2634.60	255.79
CC48	12/3/08	2008	4th Quarter	16.00	2712.20	234.06
CC48	1/8/09	2009	1st Quarter	14.00	2880.00	217.48
CC48	2/6/09	2009	1st Quarter	14.00	2470.20	186.53
CC48	3/3/09	2009	1st Quarter	14.00	2740.00	206.91
CC48	3/4/09	2009	1st Quarter	14.00	2510.00	189.54
CC48	3/4/09	2009	1st Quarter	14.00	2138.90	161.51
CC48	4/6/09	2009	2nd Quarter	21.00	2282.20	258.50
CC48	5/13/09	2009	2nd Quarter	308.00	670.00	1113.06
CC48	5/13/09	2009	2nd Quarter	308.00	644.10	1070.03
CC48	5/19/09	2009	2nd Quarter	265.00	641.00	916.21
CC48	6/2/09	2009	2nd Quarter	104.00	900.90	505.36
CC48	6/16/09	2009	2nd Quarter	61.00	1130.00	371.79
CC48	7/8/09	2009	3rd Quarter	40.00	1480.00	319.31
CC48	7/8/09	2009	3rd Quarter	40.00	1330.20	286.99
CC48	7/14/09	2009	3rd Quarter	32.00	1600.00	276.16
CC48	7/14/09	2009	3rd Quarter	28	1600.00	241.64
CC48	8/12/09	2009	3rd Quarter	16.00	2460.50	212.34

CC48	8/18/09	2009	3rd Quarter	16.00	2580.00	222.65
CC48	9/16/09	2009	3rd Quarter	17.00	2630.00	241.16
CC48	9/16/09	2009	3rd Quarter	17.00	2515.00	230.61
CC48	9/22/09	2009	3rd Quarter	16.00	2690.00	232.15
CC48	10/5/09	2009	4th Quarter	18.00	2596.70	252.11
CC48	11/4/09	2009	4th Quarter	15.00	2570.00	207.93
CC48	11/17/09	2009	4th Quarter	14.00	2890.00	218.23
CC48	2/17/10	2010	1st Quarter	11.00	2570.00	152.48
CC48	3/2/10	2010	1st Quarter	11.00	2738.20	162.46
CC48	3/17/10	2010	1st Quarter	11.00	2730.00	161.97
CC48	4/6/10	2010	2nd Quarter	12.00	2780.60	179.98
CC48	4/13/10	2010	2nd Quarter	31.00	1770.00	295.96
CC48	5/5/10	2010	2nd Quarter	70.00	1390.00	524.81
CC48	5/5/10	2010	2nd Quarter	70.00	1560.20	589.08
CC48	6/2/10	2010	2nd Quarter	161.00	655.00	568.80
CC48	6/2/10	2010	2nd Quarter	161.00	668.60	580.61
CC48	7/8/10	2010	3rd Quarter	26.00	1650.00	231.39
CC48	7/8/10	2010	3rd Quarter	26.00	1500.90	210.48
CC48	7/13/10	2010	3rd Quarter	21.00	1720.00	194.82
CC48	8/10/10	2010	3rd Quarter	24.00	2042.60	264.42
CC48	9/9/10	2010	3rd Quarter	17.00	2370.00	217.31
CC48	9/9/10	2010	3rd Quarter	17.00	2338.70	214.44
CC48	9/14/10	2010	3rd Quarter	15.00	2480.00	200.65
CC48	10/4/10	2010	4th Quarter	15.00	2525.90	204.36
CC48	11/2/10	2010	4th Quarter	15.00	2600.00	210.36
CC48	11/3/10	2010	4th Quarter	14.00	2690.00	203.13
CC48	11/3/10	2010	4th Quarter	14.00	2431.80	183.63
CC48	12/7/10	2010	4th Quarter	13.00	2327.10	163.17
CC48	1/5/11	2011	1st Quarter	12.00	2640.00	170.87
CC48	1/5/11	2011	1st Quarter	12.00	2590.30	167.66
CC48	2/11/11	2011	1st Quarter	12.00	2355.40	152.45
CC48	3/9/11	2011	1st Quarter	12.00	2360.00	152.75
CC48	3/9/11	2011	1st Quarter	12.00	2515.40	162.81
CC48	3/15/11	2011	1st Quarter	12.00	2430.00	157.28
CC48	4/6/11	2011	2nd Quarter	27.00	1934.50	281.72
CC48	5/4/11	2011	2nd Quarter	19.00	2270.00	232.63
CC48	5/8/11	2011	2nd Quarter	74.00	1485.40	592.88
CC48	6/3/11	2011	2nd Quarter	238.00	910.30	1168.57
CC48	6/14/11	2011	2nd Quarter	282.00	551.00	838.09
CC48	7/5/11	2011	3rd Quarter	118.00	726.90	462.65
CC48	7/19/11	2011	3rd Quarter	68.00	1100.00	403.45
CC48	8/1/11	2011	3rd Quarter	30.00	1404.70	227.30
CC48	8/16/11	2011	3rd Quarter	21.00	1970.00	223.14
CC48	8/16/11	2011	3rd Quarter	20.0	1970.00	212.51
CC48	9/7/11	2011	3rd Quarter	18.00	2440.00	236.89
CC48	9/7/11	2011	3rd Quarter	18.00	2218.10	215.35
CC48	9/13/11	2011	3rd Quarter	18.00	2160.00	209.71
CC48	10/7/11	2011	4th Quarter	21.00	2411.70	273.17

CC48	10/18/11	2011	4th Quarter	19.00	2510.00	257.23
CC48	11/2/11	2011	4th Quarter	17.00	2360.00	216.40
CC48	11/2/11	2011	4th Quarter	17.00	2352.30	215.69
CC48	12/7/11	2011	4th Quarter	15.00	2456.20	198.72
CC48	5/15/12	2012	2nd Quarter	68.00	1070.00	392.45
CC48	10/2/12	2012	4th Quarter	14.00	2560.00	193.31
CC48	5/14/13	2013	2nd Quarter	123.00	1180.00	782.85

Red Flow estimates in red are estimates.

CC48	9/2/98	1998	3rd Quarter	17.00	4705.00	431.42
CC48	6/23/99	1999	2nd Quarter	170.00	3012.00	2761.83
CC48	9/13/99	1999	3rd Quarter	27.00	4282.0	623.60
CC48	10/14/99	1999	4th Quarter	18.00	5492.0	533.21
CC48	11/17/99	1999	4th Quarter	14.00	6293.0	475.20
CC48	12/15/99	1999	4th Quarter	13.00	5313.0	372.54
CC48	1/12/00	2000	1st Quarter	14.00	5519.0	416.76
CC48	2/28/00	2000	1st Quarter	9.40	6028.0	305.63
CC48	3/15/00	2000	1st Quarter	13.00	5691.0	399.05
CC48	6/27/02	2002	2nd Quarter	20.00	4471.0	482.31
CC48	7/17/02	2002	3rd Quarter	12.00	5337.0	345.44
CC48	8/14/02	2002	3rd Quarter	13.00	5135.0	360.06
CC48	9/18/02	2002	3rd Quarter	17.00	4050.0	371.36
CC48	10/25/02	2002	4th Quarter	15.00	6834.0	552.92
CC48	11/12/02	2002	4th Quarter	14	5340	403.24
CC48	12/8/02	2002	4th Quarter	13	5883	412.51
CC48	1/8/03	2003	1st Quarter	8.5	6314	289.48
CC48	2/1/03	2003	1st Quarter	8.7	7202	337.96
CC48	3/9/03	2003	1st Quarter	9.7	6548	342.59
CC48	4/24/03	2003	2nd Quarter	23	5267	653.41
CC48	5/7/03	2003	2nd Quarter	33	4253	757.01
CC48	6/2/03	2003	2nd Quarter	194	1850	1935.82
CC48	3/3/04	2004	1st Quarter	9.8	6345	335.39
CC48	6/9/05	2005	2nd Quarter	136	1391.00	1020.37
CC48	7/6/05	2005	3rd Quarter	77.00	1890.00	784.96
CC48	7/6/05	2005	3rd Quarter	77.00	1644.00	682.79
CC48	9/14/05	2005	3rd Quarter	17.00	6856.00	628.65
CC48	9/15/05	2005	3rd Quarter	17.00	6770.00	620.77
CC48	10/13/05	2005	4th Quarter	17.00	10670.00	978.38
CC48	11/2/05	2005	4th Quarter	211.00	6288.00	7156.28

CC48	12/20/05	2005	4th Quarter	13.00	7668.00	537.67
CC48	1/6/06	2006	1st Quarter	13.00	7070.00	495.74
CC48	1/6/06	2006	1st Quarter	20.00	7062.00	761.82
CC48	2/8/06	2006	1st Quarter	13.00	8514.00	596.99
CC48	3/15/06	2006	1st Quarter	16.00	7420.00	640.35
CC48	3/15/06	2006	2nd Quarter	16.00	6963.00	600.91
CC48	4/5/06	2006	2nd Quarter	19.00	6646.00	681.09
CC48	5/10/06	2006	2nd Quarter	59.00	2930.00	932.42
CC48	5/10/06	2006	2nd Quarter	59.00	3195.00	1016.75
CC48	6/6/06	2006	2nd Quarter	142.00	1591.00	1218.57
CC48	7/12/06	2006	3rd Quarter	33.00	3860.00	687.06
CC48	7/12/06	2006	3rd Quarter	33.00	4269.00	759.86
CC48	8/2/06	2006	3rd Quarter	30.00	4945.00	800.17
CC48	9/6/06	2006	3rd Quarter	20.00	6350.00	685.01
CC48	10/11/06	2006	4th Quarter	79.00	3322.00	1415.53
CC48	11/1/06	2006	4th Quarter	38.00	5220.00	1069.91
CC48	11/1/06	2006	4th Quarter	38.00	5581.00	1143.90
CC48	12/5/06	2006	4th Quarter	14.00	7479.00	564.76
CC48	1/11/07	2007	1st Quarter	14.00	7821.00	590.59
CC48	2/6/07	2007	1st Quarter	15.00	6931.00	560.76
CC48	3/7/07	2007	1st Quarter	14.00	8100.00	611.65
CC48	3/7/07	2007	1st Quarter	14.00	7878.00	594.89
CC48	4/2/07	2007	2nd Quarter	19.00	5043.00	516.81
CC48	5/11/07	2007	2nd Quarter	119.00	2850.00	1829.30
CC48	5/11/07	2007	2nd Quarter	119.00	2417.00	1551.37
CC48	6/5/07	2007	2nd Quarter	187.00	1584.00	1597.68
CC48	7/11/07	2007	3rd Quarter	37.00	4010.00	800.27
CC48	7/11/07	2007	3rd Quarter	37.00	3485.00	695.50
CC48	8/6/07	2007	3rd Quarter	46.00	5875.00	1457.67
CC48	9/5/07	2007	3rd Quarter	20.00	6800.00	733.55
CC48	10/25/07	2007	4th Quarter	26.00	5286.00	741.30
CC48	11/7/07	2007	4th Quarter	20.00	6180.00	666.67
CC48	11/7/07	2007	4th Quarter	20.00	6866.00	740.67
CC48	1/2/08	2008	1st Quarter	14.00	7770.00	586.73
CC48	1/2/08	2008	1st Quarter	14.00	7663.00	578.65
CC48	3/12/08	2008	1st Quarter	40.00	7860.00	1695.80
CC48	3/12/08	2008	1st Quarter	13.00	7635.00	535.36
CC48	4/10/08	2008	2nd Quarter	15.00	6833.00	552.83
CC48	5/7/08	2008	2nd Quarter	88.00	2910.00	1381.24
CC48	5/7/08	2008	2nd Quarter	88.00	2846.00	1350.86
CC48	6/3/08	2008	2nd Quarter	304.00	4472.00	7332.77
CC48	7/9/08	2008	3rd Quarter	125.00	2330.00	1570.94
CC48	7/9/08	2008	3rd Quarter	93.00	2248.00	1127.64
CC48	8/5/08	2008	3rd Quarter	36.00	4774.00	926.99
CC48	9/3/08	2008	3rd Quarter	10.00	6247.00	336.95
CC48	10/6/08	2008	4th Quarter	19.00	6880.00	705.07
CC48	11/7/08	2008	4th Quarter	18.00	6660.00	646.61
CC48	11/7/08	2008	4th Quarter	18.00	7508.00	728.94

CC48	12/3/08	2008	4th Quarter	16.00	7229.00	623.87
CC48	1/8/09	2009	1st Quarter	14.00	6130.00	462.89
CC48	2/6/09	2009	1st Quarter	14.00	7884.00	595.34
CC48	3/3/09	2009	1st Quarter	12.00	8390.00	543.04
CC48	3/4/09	2009	1st Quarter	14.00	6750.00	509.71
CC48	3/4/09	2009	1st Quarter	14.00	7680.00	579.94
CC48	4/6/09	2009	1st Quarter	21.00	8739.00	989.86
CC48	5/13/09	2009	2nd Quarter	292.00	3190.00	5024.19
CC48	5/13/09	2009	2nd Quarter	292.00	3560.00	5606.93
CC48	5/19/09	2009	2nd Quarter	227.00	1780.00	2179.41
CC48	6/2/09	2009	1st Quarter	104.00	1945.00	1091.05
CC48	6/16/09	2009	2nd Quarter	58.00	2920.00	913.49
CC48	7/8/09	2009	3rd Quarter	43.00	3300.00	765.38
CC48	7/8/09	2009	3rd Quarter	40.00	3331.00	718.67
CC48	7/14/09	2009	3rd Quarter	28.00	4120.00	622.23
CC48	8/12/09	2009	3rd Quarter	16.00	6789.00	585.89
CC48	8/18/09	2009	3rd Quarter	18.00	7110.00	690.29
CC48	9/16/09	2009	3rd Quarter	17.00	6590.00	604.26
CC48	9/16/09	2009	3rd Quarter	17.00	7689.00	705.04
CC48	9/22/09	2009	3rd Quarter	18.00	7050.00	684.47
CC48	10/5/09	2009	4th Quarter	18.00	6080.00	590.29
CC48	11/4/09	2009	4th Quarter	18.00	7800.00	757.29
CC48	11/17/09	2009	4th Quarter	15.30	7850.00	647.82
CC48	2/17/10	2010	1st Quarter	11.00	8610.00	510.84
CC48	3/2/10	2010	1st Quarter	11.00	9006.00	534.34
CC48	3/17/10	2010	1st Quarter	13.70	8100.00	598.55
CC48	4/6/10	2010	2nd Quarter	12.00	8179.00	529.39
CC48	4/13/10	2010	2nd Quarter	26.40	5010.00	713.40
CC48	5/5/10	2010	2nd Quarter	40.00	3340.00	720.61
CC48	5/5/10	2010	2nd Quarter	40.00	3804.00	820.72
CC48	6/2/10	2010	2nd Quarter	137.00	1750.00	1293.16
CC48	6/2/10	2010	2nd Quarter	161.00	1835.00	1593.51
CC48	7/8/10	2010	3rd Quarter	25.00	4680.00	631.07
CC48	7/8/10	2010	3rd Quarter	25.00	4450.00	600.06
CC48	7/13/10	2010	3rd Quarter	21.00	5270.00	596.93
CC48	8/10/10	2010	3rd Quarter	24.00	6292.00	814.50
CC48	9/9/10	2010	3rd Quarter	17.00	6940.00	636.36
CC48	9/9/10	2010	3rd Quarter	17.00	7070.00	648.28
CC48	9/14/10	2010	3rd Quarter	15.00	7230.00	584.95
CC48	10/4/10	2010	4th Quarter	15.00	7009.00	567.07
CC48	11/2/10	2010	4th Quarter	15.00	7930.00	641.59
CC48	11/3/10	2010	4th Quarter	14.00	7110.00	536.90
CC48	11/3/10	2010	4th Quarter	14.00	6957.00	525.34
CC48	12/7/10	2010	4th Quarter	13.00	7350.00	515.37
CC48	1/5/11	2011	1st Quarter	12.00	7850.00	508.09
CC48	1/5/11	2011	1st Quarter	12.00	7658.00	495.67
CC48	2/11/11	2011	1st Quarter	12.00	6699.00	433.59
CC48	3/9/11	2011	1st Quarter	12.00	7560.00	489.32

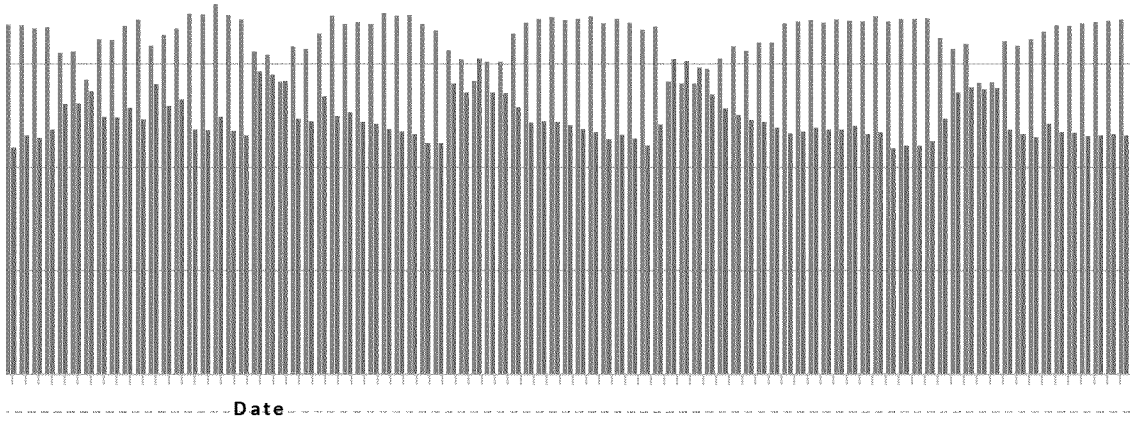
CC48	3/9/11	2011	1st Quarter	12.00	8360.00	541.10
CC48	3/15/11	2011	1st Quarter	14.94	7540.00	607.62
CC48	4/6/11	2011	2nd Quarter	27.00	5504.00	801.56
CC48	5/4/11	2011	2nd Quarter	30.00	6280.00	1016.19
CC48	5/8/11	2011	2nd Quarter	74.00	3380.00	1349.09
CC48	6/3/11	2011	2nd Quarter	238.00	1930.00	2477.57
CC48	6/14/11	2011	2nd Quarter	216.00	1610.00	1875.74
CC48	7/5/11	2011	3rd Quarter	118.00	1676.00	1066.72
CC48	7/19/11	2011	3rd Quarter	65.00	2710.00	950.11
CC48	8/1/11	2011	3rd Quarter	30.00	3924.00	634.95
CC48	8/16/11	2011	3rd Quarter	20.00	5830.00	628.91
CC48	9/7/11	2011	3rd Quarter	17.00	6300.00	577.67
CC48	9/7/11	2011	3rd Quarter	18.00	6227.00	604.57
CC48	9/13/11	2011	3rd Quarter	17.00	6770.00	620.77
CC48	10/7/11	2011	4th Quarter	21.00	5762.00	652.66
CC48	10/18/11	2011	4th Quarter	18.00	6810.00	661.17
CC48	11/2/11	2011	4th Quarter	17.00	7040.00	645.53
CC48	11/2/11	2011	4th Quarter	17.00	5679.00	520.73
CC48	12/7/11	2011	4th Quarter	15.00	8584.00	694.50
CC48	5/15/12	2012	2nd Quarter	59.00	2690.00	856.05
CC48	10/2/12	2012	4th Quarter	14.00	7670.00	579.18
CC48	5/14/13	2013	2nd Quarter	91.00	2690.00	1320.34

Red Flow estimates in red are estimates.

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## CC48 Zinc with Load

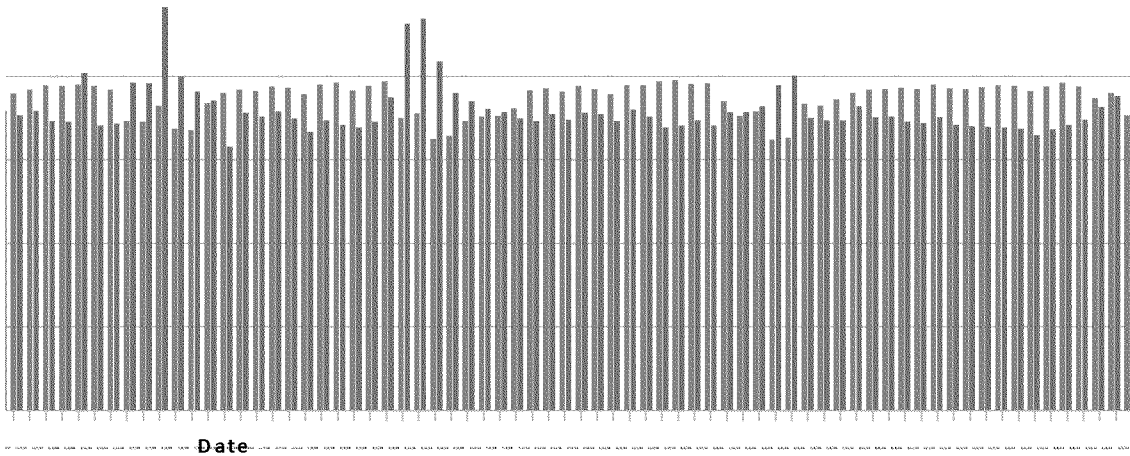
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## CC48 Aluminum with Load

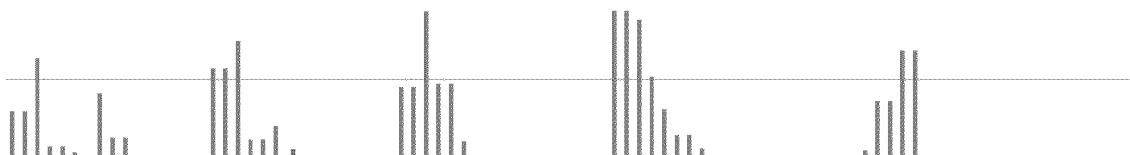
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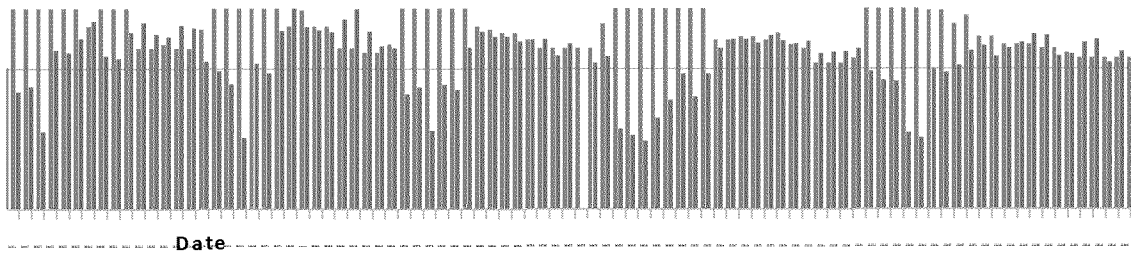


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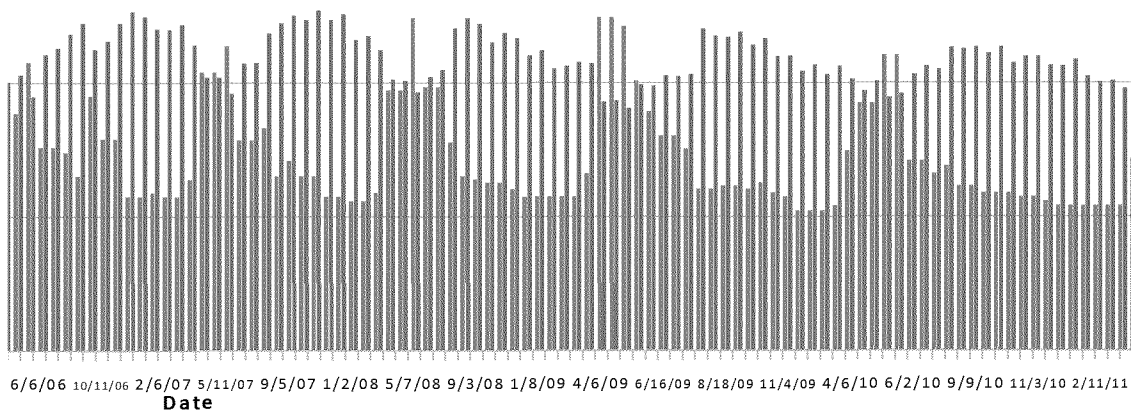
## CC48 Cadmium with Load

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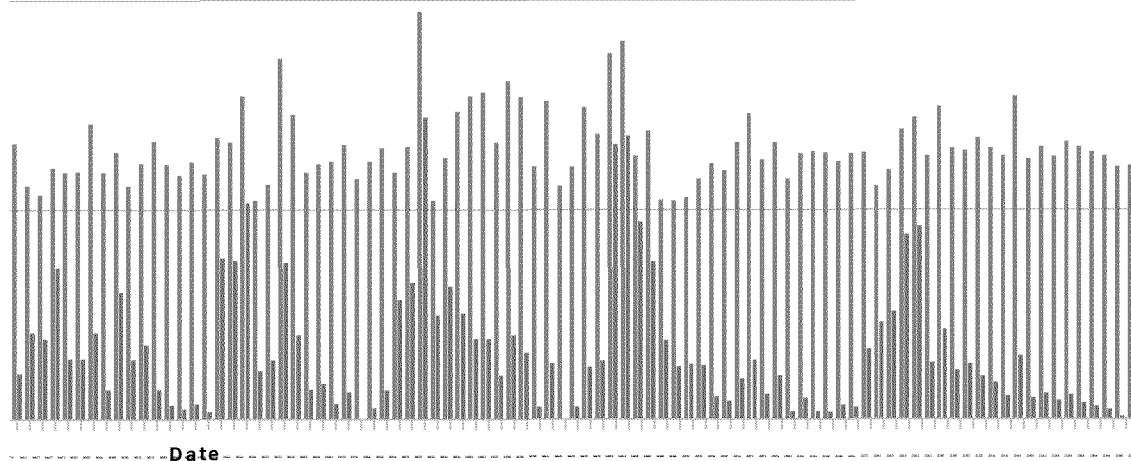




## CC48 Copper with Load



## CC48 Lead with Load





Location	Date	Year	Quarter	Flow (cfs)
CC48	12/13/94	1994	4th Quarter	15
CC48	1/18/95	1995	1st Quarter	15
CC48	2/15/95	1995	1st Quarter	17
CC48	3/1/95	1995	1st Quarter	21
CC48	3/15/95	1995	1st Quarter	24
CC48	4/12/95	1995	2nd Quarter	24
CC48	4/19/95	1995	2nd Quarter	23
CC48	5/3/95	1995	2nd Quarter	24
CC48	5/10/95	1995	2nd Quarter	23
CC48	8/16/95	1995	2nd Quarter	40
CC48	9/13/95	1995	3rd Quarter	25
CC48	10/11/95	1995	3rd Quarter	18
CC48	11/15/95	1995	4th Quarter	17
CC48	12/13/95	1995	4th Quarter	14
CC48	1/17/96	1996	1st Quarter	15
CC48	8/13/97	1997	3rd Quarter	33.00
CC48	9/11/97	1997	3rd Quarter	16.00
CC48	9/17/97	1997	3rd Quarter	21.00
CC48	10/15/97	1997	4th Quarter	38.00
CC48	11/12/97	1997	4th Quarter	16.00
CC48	12/17/97	1997	4th Quarter	15.00
CC48	1/14/98	1998	1st Quarter	14.00
CC48	2/11/98	1998	1st Quarter	14.00
CC48	3/4/98	1998	1st Quarter	13.00
CC48	3/18/98	1998	1st Quarter	13.00
CC48	4/1/98	1998	2nd Quarter	16.00
CC48	4/15/98	1998	2nd Quarter	16.00
CC48	4/29/98	1998	2nd Quarter	43.00
CC48	5/5/98	1998	2nd Quarter	80.00
CC48	5/13/98	1998	2nd Quarter	81.00
CC48	6/3/98	1998	2nd Quarter	183.00
CC48	6/10/98	1998	2nd Quarter	85.00
CC48	6/17/98	1998	2nd Quarter	93.00
CC48	6/24/98	1998	2nd Quarter	116.00
CC48	7/8/98	1998	3rd Quarter	84.00
CC48	7/15/98	1998	3rd Quarter	54.00
CC48	7/22/98	1998	3rd Quarter	40.00
CC48	8/26/98	1998	3rd Quarter	20.00
CC48	9/2/98	1998	3rd Quarter	18.00
CC48	9/16/98	1998	3rd Quarter	18.00
CC48	10/14/98	1998	4th Quarter	18.00
CC48	11/18/98	1998	4th Quarter	20.00
CC48	1/13/99	1999	1st Quarter	15.00

CC48	2/24/99	1999	1st Quarter	14.00
CC48	3/17/99	1999	1st Quarter	14.00
CC48	4/1/99	1999	2nd Quarter	23.00
CC48	4/21/99	1999	2nd Quarter	38.00
CC48	6/23/99	1999	3rd Quarter	192.00
CC48	9/13/99	1999	3rd Quarter	27.00
CC48	10/14/99	1999	4th Quarter	18.00
CC48	11/17/99	1999	4th Quarter	14.00
CC48	12/15/99	1999	4th Quarter	13.00
CC48	1/12/00	2000	1st Quarter	14.00
CC48	2/28/00	2000	1st Quarter	9.40
CC48	3/15/00	2000	1st Quarter	13.00
CC48	6/27/02	2002	2nd Quarter	15.00
CC48	7/17/02	2002	3rd Quarter	12.00
CC48	8/14/02	2002	3rd Quarter	13.00
CC48	9/18/02	2002	3rd Quarter	17.00
CC48	10/25/02	2002	4th Quarter	15.00
CC48	11/12/02	2002	4th Quarter	14
CC48	12/8/02	2002	4th Quarter	13
CC48	1/8/03	2003	1st Quarter	8.5
CC48	2/1/03	2003	1st Quarter	8.7
CC48	3/9/03	2003	1st Quarter	9.7
CC48	4/24/03	2003	2nd Quarter	23
CC48	5/7/03	2003	2nd Quarter	33
CC48	6/2/03	2003	2nd Quarter	194
CC48	3/3/04	2004	1st Quarter	9.8
CC48	6/9/05	2005	2nd Quarter	136
CC48	7/6/05	2005	3rd Quarter	77.00
CC48	7/6/05	2005	3rd Quarter	77.00
CC48	9/14/05	2005	3rd Quarter	17.00
CC48	9/15/05	2005	3rd Quarter	17.00
CC48	10/13/05	2005	4th Quarter	22.00
CC48	11/2/05	2005	4th Quarter	20.00
CC48	12/20/05	2005	4th Quarter	13.00
CC48	1/6/06	2006	1st Quarter	13.00
CC48	1/6/06	2006	1st Quarter	13.00
CC48	2/8/06	2006	1st Quarter	12.00
CC48	3/15/06	2006	1st Quarter	16.00
CC48	3/15/06	2006	1st Quarter	16.00
CC48	4/5/06	2006	2nd Quarter	19.00
CC48	5/10/06	2006	2nd Quarter	59.00
CC48	5/10/06	2006	2nd Quarter	59.00
CC48	6/6/06	2006	2nd Quarter	142.00
CC48	7/12/06	2006	3rd Quarter	33.00
CC48	7/12/06	2006	3rd Quarter	33.00
CC48	8/2/06	2006	3rd Quarter	30.00
CC48	9/6/06	2006	3rd Quarter	20.00
CC48	10/11/06	2006	4th Quarter	79.00
CC48	11/1/06	2006	4th Quarter	38.00

CC48	11/1/06	2006	4th Quarter	38.00
CC48	12/5/06	2006	4th Quarter	14.00
CC48	1/11/07	2007	1st Quarter	14.00
CC48	2/6/07	2007	1st Quarter	15.00
CC48	3/7/07	2007	1st Quarter	14.00
CC48	3/7/07	2007	1st Quarter	14.00
CC48	4/2/07	2007	2nd Quarter	19.00
CC48	5/11/07	2007	2nd Quarter	119.00
CC48	5/11/07	2007	2nd Quarter	119.00
CC48	6/5/07	2007	2nd Quarter	187.00
CC48	7/11/07	2007	3rd Quarter	37.00
CC48	7/11/07	2007	3rd Quarter	37.00
CC48	8/6/07	2007	3rd Quarter	46.00
CC48	09/05/2007	2007	3rd Quarter	20
CC48	10/25/07	2007	4th Quarter	26.00
CC48	11/7/07	2007	4th Quarter	20.00
CC48	11/7/07	2007	4th Quarter	20.00
CC48	1/2/08	2008	1st Quarter	14.00
CC48	1/2/08	2008	1st Quarter	14.00
CC48	3/12/08	2008	1st Quarter	13.00
CC48	3/12/08	2008	1st Quarter	13.00
CC48	4/10/08	2008	2nd Quarter	15.00
CC48	5/7/08	2008	2nd Quarter	88.00
CC48	5/7/08	2008	2nd Quarter	88.00
CC48	6/3/08	2008	2nd Quarter	304.00
CC48	7/9/08	2008	3rd Quarter	93.00
CC48	7/9/08	2008	3rd Quarter	93.00
CC48	8/5/08	2008	3rd Quarter	36.00
CC48	9/3/08	2008	3rd Quarter	20.00
CC48	10/6/08	2008	4th Quarter	19.00
CC48	11/7/08	2008	4th Quarter	18.00
CC48	11/7/08	2008	4th Quarter	18.00
CC48	12/3/08	2008	4th Quarter	16.00
CC48	1/8/09	2009	1st Quarter	14.00
CC48	2/6/09	2009	1st Quarter	14.00
CC48	3/3/09	2009	1st Quarter	14.00
CC48	3/4/09	2009	1st Quarter	14.00
CC48	3/4/09	2009	1st Quarter	14.00
CC48	4/6/09	2009	2nd Quarter	21.00
CC48	5/13/09	2009	2nd Quarter	308.00
CC48	5/13/09	2009	2nd Quarter	308.00
CC48	5/19/09	2009	2nd Quarter	265.00
CC48	6/2/09	2009	2nd Quarter	104.00
CC48	6/16/09	2009	2nd Quarter	61.00
CC48	7/8/09	2009	3rd Quarter	40.00
CC48	7/8/09	2009	3rd Quarter	40.00
CC48	7/14/09	2009	3rd Quarter	32.00

CC48	8/12/09	2009	3rd Quarter	16.00
CC48	8/18/09	2009	3rd Quarter	16.00
CC48	9/16/09	2009	3rd Quarter	17.00
CC48	9/16/09	2009	3rd Quarter	17.00
CC48	9/22/09	2009	3rd Quarter	16.00
CC48	10/5/09	2009	4th Quarter	18.00
CC48	11/4/09	2009	4th Quarter	15.00
CC48	11/17/09	2009	4th Quarter	14.00
CC48	2/17/10	2010	1st Quarter	11.00
CC48	3/2/10	2010	1st Quarter	11.00
CC48	3/17/10	2010	1st Quarter	11.00
CC48	4/6/10	2010	2nd Quarter	12.00
CC48	4/13/10	2010	2nd Quarter	31.00
CC48	5/5/10	2010	2nd Quarter	70.00
CC48	5/5/10	2010	2nd Quarter	70.00
CC48	6/2/10	2010	2nd Quarter	161.00
CC48	6/2/10	2010	2nd Quarter	161.00
CC48	7/8/10	2010	3rd Quarter	26.00
CC48	7/8/10	2010	3rd Quarter	26.00
CC48	7/13/10	2010	3rd Quarter	21.00
CC48	8/10/10	2010	3rd Quarter	24.00
CC48	9/9/10	2010	3rd Quarter	17.00
CC48	9/9/10	2010	3rd Quarter	17.00
CC48	9/14/10	2010	3rd Quarter	15.00
CC48	10/4/10	2010	4th Quarter	15.00
CC48	11/2/10	2010	4th Quarter	15.00
CC48	11/3/10	2010	4th Quarter	14.00
CC48	11/3/10	2010	4th Quarter	14.00
CC48	12/7/10	2010	4th Quarter	13.00
CC48	1/5/11	2011	1st Quarter	12.00
CC48	1/5/11	2011	1st Quarter	12.00
CC48	2/11/11	2011	1st Quarter	12.00
CC48	3/9/11	2011	1st Quarter	12.00
CC48	3/9/11	2011	1st Quarter	12.00
CC48	3/15/11	2011	1st Quarter	12.00
CC48	4/6/11	2011	2nd Quarter	27.00
CC48	5/4/11	2011	2nd Quarter	19.00
CC48	5/8/11	2011	2nd Quarter	74.00
CC48	6/3/11	2011	2nd Quarter	238.00
CC48	6/14/11	2011	2nd Quarter	282.00
CC48	7/5/11	2011	3rd Quarter	118.00
CC48	7/19/11	2011	3rd Quarter	68.00
CC48	8/1/11	2011	3rd Quarter	30.00
CC48	8/16/11	2011	3rd Quarter	21.00
CC48	9/7/11	2011	3rd Quarter	18.00
CC48	9/7/11	2011	3rd Quarter	18.00
CC48	9/13/11	2011	3rd Quarter	18.00
CC48	10/7/11	2011	4th Quarter	21.00

CC48	10/18/11	2011	4th Quarter	19.00
CC48	11/2/11	2011	4th Quarter	17.00
CC48	11/2/11	2011	4th Quarter	17.00
CC48	12/7/11	2011	4th Quarter	15.00
CC48	5/15/12	2012	2nd Quarter	68.00
CC48	10/2/12	2012	4th Quarter	14.00
CC48	5/14/13	2013	2nd Quarter	123.00

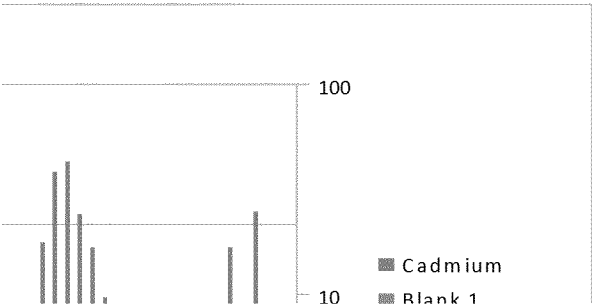
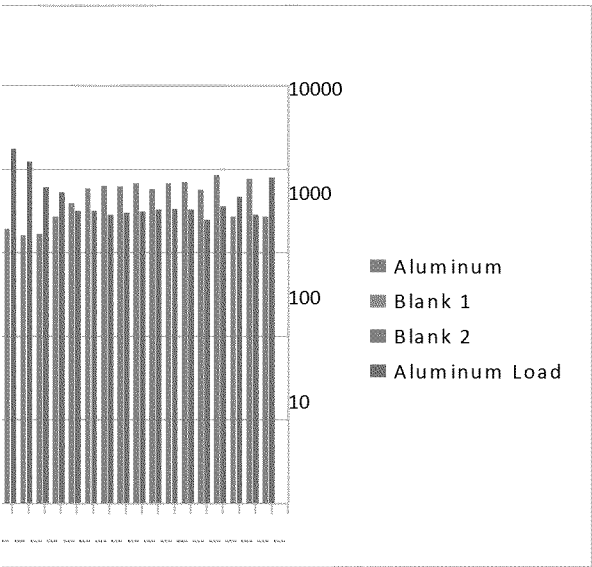
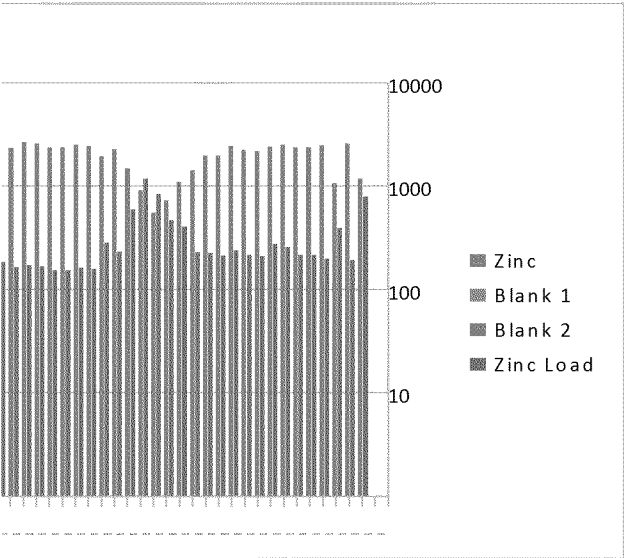
Red Flow estimates in red are estimates.

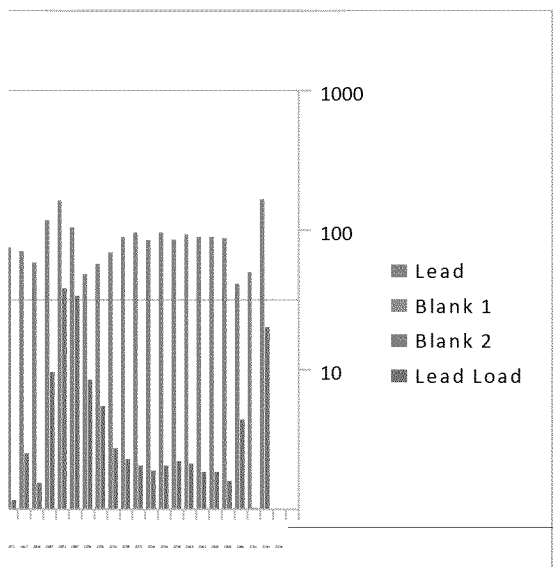
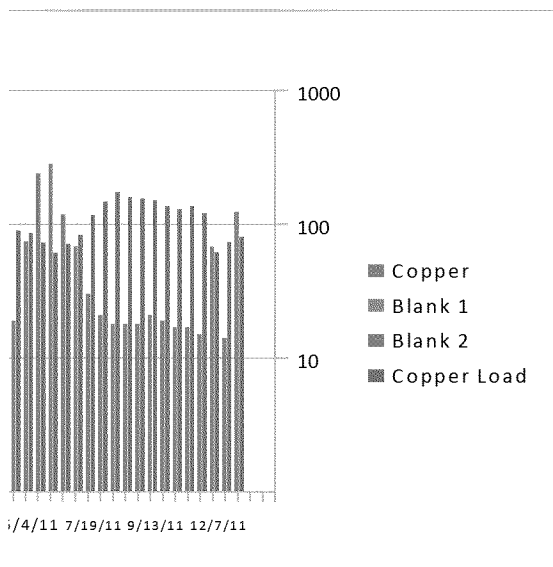
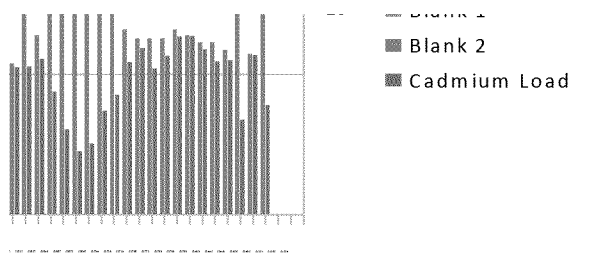












Cadmium Total (ug/L)	Cadmium Load (lbs/day)				
2.28	0.18	CC48	12/13/94	1994	4th Quarter
2.42	0.20	CC48	1/18/95	1995	1st Quarter
3.24	0.30	CC48	2/15/95	1995	1st Quarter
3.17	0.36	CC48	3/1/95	1995	1st Quarter
4.01	0.52	CC48	3/15/95	1995	1st Quarter
3.71	0.48	CC48	4/12/95	1995	2nd Quarter
3.39	0.42	CC48	4/19/95	1995	2nd Quarter
3.63	0.47	CC48	5/3/95	1995	2nd Quarter
2.92	0.36	CC48	5/10/95	1995	2nd Quarter
1.65	0.36	CC48	8/16/95	1995	2nd Quarter
1.64	0.22	CC48	9/13/95	1995	3rd Quarter
1.66	0.16	CC48	10/11/95	1995	3rd Quarter
1.67	0.15	CC48	11/15/95	1995	4th Quarter
1.54	0.12	CC48	12/13/95	1995	4th Quarter
1.32	0.11	CC48	1/17/96	1996	1st Quarter
2.42	0.43	CC48	8/13/97	1997	3rd Quarter
1.37	0.12	CC48	9/11/97	1997	3rd Quarter
1.46	0.17	CC48	9/17/97	1997	3rd Quarter
1.80	0.37	CC48	10/15/97	1997	4th Quarter
2.39	0.21	CC48	11/12/97	1997	4th Quarter
2.09	0.17	CC48	12/17/97	1997	4th Quarter
1.65	0.12	CC48	1/14/98	1998	1st Quarter
1.87	0.14	CC48	2/11/98	1998	1st Quarter
2.07	0.15	CC48	3/4/98	1998	1st Quarter
1.67	0.12	CC48	3/18/98	1998	1st Quarter
1.60	0.14	CC48	4/1/98	1998	2nd Quarter
1.60	0.14	CC48	4/15/98	1998	2nd Quarter
2.04	0.47	CC48	4/29/98	1998	2nd Quarter
2.61	1.13	CC48	5/5/98	1998	2nd Quarter
2.52	1.10	CC48	5/13/98	1998	2nd Quarter
2.05	2.02	CC48	6/3/98	1998	2nd Quarter
2.37	1.09	CC48	6/10/98	1998	2nd Quarter
2.46	1.23	CC48	6/17/98	1998	2nd Quarter
1.69	1.06	CC48	6/24/98	1998	2nd Quarter
1.81	0.82	CC48	7/8/98	1998	3rd Quarter
1.81	0.53	CC48	7/15/98	1998	3rd Quarter
1.91	0.41	CC48	7/22/98	1998	3rd Quarter
1.64	0.18	CC48	8/26/98	1998	3rd Quarter
1.30	0.13	CC48	9/2/98	1998	3rd Quarter
1.46	0.14	CC48	9/16/98	1998	3rd Quarter
2.31	0.22	CC48	10/14/98	1998	4th Quarter
1.56	0.17	CC48	11/18/98	1998	4th Quarter
1.44	0.12	CC48	1/13/99	1999	1st Quarter

1.23	0.09	CC48	2/24/99	1999	1st Quarter
1.49	0.11	CC48	3/17/99	1999	1st Quarter
4.93	0.61	CC48	4/1/99	1999	2nd Quarter
2.02	0.41	CC48	4/21/99	1999	2nd Quarter
2.10	2.17	CC48	6/23/99	1999	3rd Quarter
1.83	0.27	CC48	9/13/99	1999	3rd Quarter
21.80	2.12	CC48	10/14/99	1999	4th Quarter
21.78	1.64	CC48	11/17/99	1999	4th Quarter
2.35	0.16	CC48	12/15/99	1999	4th Quarter
2.14	0.16	CC48	1/12/00	2000	1st Quarter
3.23	0.16	CC48	2/28/00	2000	1st Quarter
2.05	0.14	CC48	3/15/00	2000	1st Quarter
1.74	0.14	CC48	6/27/02	2002	2nd Quarter
1.74	0.11	CC48	7/17/02	2002	3rd Quarter
1.92	0.13	CC48	8/14/02	2002	3rd Quarter
3.00	0.28	CC48	9/18/02	2002	3rd Quarter
2.40	0.19	CC48	10/25/02	2002	4th Quarter
2.22	0.17	CC48	11/12/02	2002	4th Quarter
2.03	0.14	CC48	12/8/02	2002	4th Quarter
2.29	0.10	CC48	1/8/03	2003	1st Quarter
3.53	0.17	CC48	2/1/03	2003	1st Quarter
3.05	0.16	CC48	3/9/03	2003	1st Quarter
6.56	0.81	CC48	4/24/03	2003	2nd Quarter
6.79	1.21	CC48	5/7/03	2003	2nd Quarter
2.89	3.02	CC48	6/2/03	2003	2nd Quarter
6.66	0.35	CC48	3/3/04	2004	1st Quarter
2.53	1.86	CC48	6/9/05	2005	2nd Quarter
2.90	1.20	CC48	7/6/05	2005	3rd Quarter
2.91	1.21	CC48	7/6/05	2005	3rd Quarter
7.32	0.67	CC48	9/14/05	2005	3rd Quarter
7.10	0.65	CC48	9/15/05	2005	3rd Quarter
7.10	0.84	CC48	10/13/05	2005	4th Quarter
6.08	0.66	CC48	11/2/05	2005	4th Quarter
5.98	0.42	CC48	12/20/05	2005	4th Quarter
7.60	0.53	CC48	1/6/06	2006	1st Quarter
6.23	0.44	CC48	1/6/06	2006	1st Quarter
5.66	0.37	CC48	2/8/06	2006	1st Quarter
6.20	0.54	CC48	3/15/06	2006	1st Quarter
5.08	0.44	CC48	3/15/06	2006	1st Quarter
4.70	0.48	CC48	4/5/06	2006	2nd Quarter
3.60	1.15	CC48	5/10/06	2006	2nd Quarter
3.81	1.21	CC48	5/10/06	2006	2nd Quarter
2.33	1.78	CC48	6/6/06	2006	2nd Quarter
5.70	1.01	CC48	7/12/06	2006	3rd Quarter
5.52	0.98	CC48	7/12/06	2006	3rd Quarter
6.47	1.05	CC48	8/2/06	2006	3rd Quarter
7.80	0.84	CC48	9/6/06	2006	3rd Quarter
5.33	2.27	CC48	10/11/06	2006	4th Quarter
5.20	1.07	CC48	11/1/06	2006	4th Quarter

6.92	1.42	CC48	11/1/06	2006	4th Quarter
7.69	0.58	CC48	12/5/06	2006	4th Quarter
6.78	0.51	CC48	1/11/07	2007	1st Quarter
6.61	0.53	CC48	2/6/07	2007	1st Quarter
7.50	0.57	CC48	3/7/07	2007	1st Quarter
7.28	0.55	CC48	3/7/07	2007	1st Quarter
5.02	0.51	CC48	4/2/07	2007	2nd Quarter
4.50	2.89	CC48	5/11/07	2007	2nd Quarter
3.92	2.52	CC48	5/11/07	2007	2nd Quarter
2.17	2.19	CC48	6/5/07	2007	2nd Quarter
4.90	0.98	CC48	7/11/07	2007	3rd Quarter
4.43	0.88	CC48	7/11/07	2007	3rd Quarter
7.05	1.75	CC48	8/6/07	2007	3rd Quarter
10.00	1.08	CC48	9/5/07	2007	3rd Quarter
7.33	1.03	CC48	10/25/07	2007	4th Quarter
7.10	0.77	CC48	11/7/07	2007	4th Quarter
6.96	0.75	CC48	11/7/07	2007	4th Quarter
8.00	0.60	CC48	1/2/08	2008	1st Quarter
8.91	0.67	CC48	1/2/08	2008	1st Quarter
7.00	0.49	CC48	3/12/08	2008	1st Quarter
5.92	0.42	CC48	3/12/08	2008	1st Quarter
5.83	0.47	CC48	4/10/08	2008	2nd Quarter
3.50	1.66	CC48	5/7/08	2008	2nd Quarter
3.78	1.79	CC48	5/7/08	2008	2nd Quarter
2.35	3.85	CC48	6/3/08	2008	2nd Quarter
3.90	1.96	CC48	7/9/08	2008	3rd Quarter
3.69	1.85	CC48	7/9/08	2008	3rd Quarter
5.87	1.14	CC48	8/5/08	2008	3rd Quarter
6.98	0.75	CC48	9/3/08	2008	3rd Quarter
6.59	0.68	CC48	10/6/08	2008	4th Quarter
6.60	0.64	CC48	11/7/08	2008	4th Quarter
6.27	0.61	CC48	11/7/08	2008	4th Quarter
6.39	0.55	CC48	12/3/08	2008	4th Quarter
6.40	0.48	CC48	1/8/09	2009	1st Quarter
5.35	0.40	CC48	2/6/09	2009	1st Quarter
6.10	0.46	CC48	3/3/09	2009	1st Quarter
0.60	0.05	CC48	3/4/09	2009	1st Quarter
4.93	0.37	CC48	3/4/09	2009	1st Quarter
5.29	0.60	CC48	4/6/09	2009	2nd Quarter
2.40	3.99	CC48	5/13/09	2009	2nd Quarter
2.23	3.70	CC48	5/13/09	2009	2nd Quarter
2.10	3.00	CC48	5/19/09	2009	2nd Quarter
2.71	1.52	CC48	6/2/09	2009	2nd Quarter
3.30	1.09	CC48	6/16/09	2009	2nd Quarter
4.40	0.95	CC48	7/8/09	2009	3rd Quarter
3.40	0.73	CC48	7/8/09	2009	3rd Quarter
4.40	0.76	CC48	7/14/09	2009	3rd Quarter

5.81	0.50	CC48	8/12/09	2009	3rd Quarter
6.40	0.55	CC48	8/18/09	2009	3rd Quarter
6.40	0.59	CC48	9/16/09	2009	3rd Quarter
6.14	0.56	CC48	9/16/09	2009	3rd Quarter
6.70	0.58	CC48	9/22/09	2009	3rd Quarter
6.33	0.61	CC48	10/5/09	2009	4th Quarter
6.10	0.49	CC48	11/4/09	2009	4th Quarter
6.30	0.48	CC48	11/17/09	2009	4th Quarter
5.50	0.33	CC48	2/17/10	2010	1st Quarter
5.59	0.33	CC48	3/2/10	2010	1st Quarter
5.60	0.33	CC48	3/17/10	2010	1st Quarter
5.76	0.37	CC48	4/6/10	2010	2nd Quarter
4.50	0.75	CC48	4/13/10	2010	2nd Quarter
4.10	1.55	CC48	5/5/10	2010	2nd Quarter
4.02	1.52	CC48	5/5/10	2010	2nd Quarter
2.30	2.00	CC48	6/2/10	2010	2nd Quarter
2.18	1.89	CC48	6/2/10	2010	2nd Quarter
4.60	0.65	CC48	7/8/10	2010	3rd Quarter
4.46	0.63	CC48	7/8/10	2010	3rd Quarter
4.80	0.54	CC48	7/13/10	2010	3rd Quarter
5.66	0.73	CC48	8/10/10	2010	3rd Quarter
6.00	0.55	CC48	9/9/10	2010	3rd Quarter
5.31	0.49	CC48	9/9/10	2010	3rd Quarter
5.80	0.47	CC48	9/14/10	2010	3rd Quarter
6.18	0.50	CC48	10/4/10	2010	4th Quarter
6.80	0.55	CC48	11/2/10	2010	4th Quarter
6.70	0.51	CC48	11/3/10	2010	4th Quarter
5.34	0.40	CC48	11/3/10	2010	4th Quarter
5.44	0.38	CC48	12/7/10	2010	4th Quarter
6.20	0.40	CC48	1/5/11	2011	1st Quarter
6.41	0.41	CC48	1/5/11	2011	1st Quarter
4.98	0.32	CC48	2/11/11	2011	1st Quarter
5.60	0.36	CC48	3/9/11	2011	1st Quarter
5.02	0.32	CC48	3/9/11	2011	1st Quarter
5.00	0.32	CC48	3/15/11	2011	1st Quarter
5.04	0.73	CC48	4/6/11	2011	2nd Quarter
5.50	0.56	CC48	5/4/11	2011	2nd Quarter
3.84	1.53	CC48	5/8/11	2011	2nd Quarter
2.53	3.25	CC48	6/3/11	2011	2nd Quarter
2.00	3.04	CC48	6/14/11	2011	2nd Quarter
2.17	1.38	CC48	7/5/11	2011	3rd Quarter
3.10	1.14	CC48	7/19/11	2011	3rd Quarter
3.70	0.60	CC48	8/1/11	2011	3rd Quarter
5.30	0.60	CC48	8/16/11	2011	3rd Quarter
6.20	0.60	CC48	9/7/11	2011	3rd Quarter
4.94	0.48	CC48	9/7/11	2011	3rd Quarter
5.70	0.55	CC48	9/13/11	2011	3rd Quarter
7.01	0.79	CC48	10/7/11	2011	4th Quarter

7.10	0.73	CC48	10/18/11	2011	4th Quarter
6.10	0.56	CC48	11/2/11	2011	4th Quarter
5.36	0.49	CC48	11/2/11	2011	4th Quarter
5.42	0.44	CC48	12/7/11	2011	4th Quarter
2.81	1.03	CC48	5/15/12	2012	2nd Quarter
5.74	0.43	CC48	10/2/12	2012	4th Quarter
3.31	2.20	CC48	5/14/13	2013	2nd Quarter

Red Flow estimates in red are estimates.













15	45.3	3.67	CC48	12/13/94	1994
15	44.5	3.60	CC48	1/18/95	1995
17	80.2	7.35	CC48	2/15/95	1995
21	58.1	6.58	CC48	3/1/95	1995
24	70.1	9.07	CC48	3/15/95	1995
24	71.5	9.26	CC48	4/6/95	1995
23	61.7	7.65	CC48	4/12/95	1995
24	59.5	7.70	CC48	4/19/95	1995
23	47.8	5.93	CC48	5/3/95	1995
40	100	21.58	CC48	5/10/95	1995
25	92	12.41	CC48	8/16/95	1995
18	54	5.24	CC48	9/13/95	1995
17	12.5	1.15	CC48	10/11/95	1995
14	34.7	2.62	CC48	11/15/95	1995
15	49	3.96	CC48	12/13/95	1995
33.00	70.00	12.46	CC48	1/17/96	1996
16.00	42.90	3.70	CC48	8/13/97	1997
21.00	44.30	5.02	CC48	9/11/97	1997
38.00	61.00	12.50	CC48	9/17/97	1997
16.00	38.50	3.32	CC48	10/15/97	1997
15.00	35.20	2.85	CC48	11/12/97	1997
14.00	39.80	3.01	CC48	12/17/97	1997
14.00	39.90	3.01	CC48	1/14/98	1998
13.00	43.40	3.04	CC48	2/11/98	1998
13.00	31.70	2.22	CC48	3/4/98	1998
16.00	38.90	3.36	CC48	3/18/98	1998
16.00	36.80	3.18	CC48	4/1/98	1998
43.00	48.20	11.18	CC48	4/15/98	1998
80.00	68.60	29.60	CC48	4/29/98	1998
81.00	68.30	29.84	CC48	5/5/98	1998
183.00	89.90	88.74	CC48	5/13/98	1998
85.00	61.00	27.97	CC48	6/3/98	1998
93.00	57.20	28.69	CC48	6/10/98	1998
116.00	85.10	53.25	CC48	6/17/98	1998
84.00	61.80	28.00	CC48	6/24/98	1998
54.00	69.70	20.30	CC48	7/8/98	1998
40.00	86.00	18.55	CC48	7/15/98	1998
20.00	53.60	5.78	CC48	7/22/98	1998
18.00	38.00	3.69	CC48	8/26/98	1998
18.00	29.90	2.90	CC48	9/2/98	1998
18.00	29.60	2.87	CC48	9/16/98	1998
20.00	31.90	3.44	CC48	10/14/98	1998
15.00	33.80	2.73	CC48	11/18/98	1998

14.00
14.00
23.00
38.00
192.00
27.00
18.00
14.00
13.00
14.00
9.40
13.00
15.00
12.00
13.00
17.00
15.00
14
13
8.5
8.7
9.7
23
33

31.80
35.50
75.80
59.10
101.80
24.20
187.10
143.90
36.20
35.40
59.10
32.70
32.90
28.60
26.20
41.20
45.80
40.8
36.1
32.2
46.8
41.6
107.4
124.1

2.40	CC48	1/13/99	1999
2.68	CC48	2/24/99	1999
9.40	CC48	3/17/99	1999
12.11	CC48	4/1/99	1999
105.42	CC48	4/21/99	1999
3.52	CC48	6/23/99	1999
18.17	CC48	9/13/99	1999
10.87	CC48	10/14/99	1999
2.54	CC48	11/17/99	1999
2.67	CC48	12/15/99	1999
3.00	CC48	1/12/00	2000
2.29	CC48	2/28/00	2000
2.66	CC48	3/15/00	2000
1.85	CC48	6/27/02	2002
1.84	CC48	7/17/02	2002
3.78	CC48	8/14/02	2002
3.71	CC48	9/18/02	2002
3.08	CC48	10/25/02	2002
2.53	CC48	11/12/02	2002
1.48	CC48	12/8/02	2002
2.20	CC48	1/8/03	2003
2.18	CC48	2/1/03	2003
13.32	CC48	3/9/03	2003
22.09	CC48	4/24/03	2003

194	82.2	86.01	CC48	5/7/03	2003
9.8	60.1	3.18	CC48	6/2/03	2003
136	82.60	60.59	CC48	3/3/04	2004
77.00	67.00	27.83	CC48	6/9/05	2005
77.00	79.30	32.93	CC48	7/6/05	2005
17.00	219.10	20.09	CC48	7/6/05	2005
17.00	222.00	20.36	CC48	9/14/05	2005
22.00	196.40	23.31	CC48	9/15/05	2005
20.00	195.00	21.04	CC48	10/13/05	2005
13.00	167.20	11.72	CC48	11/2/05	2005
13.00	158.00	11.08	CC48	12/20/05	2005
13.00	171.70	12.04	CC48	1/6/06	2006
12.00	146.30	9.47	CC48	1/6/06	2006
16.00	136.00	11.74	CC48	2/8/06	2006
16.00	137.50	11.87	CC48	3/15/06	2006
19.00	116.40	11.93	CC48	3/15/06	2006
59.00	101.00	32.14	CC48	4/5/06	2006
59.00	114.30	36.37	CC48	5/10/06	2006
142.00	78.60	60.20	CC48	5/10/06	2006
33.00	162.00	28.84	CC48	6/6/06	2006
33.00	181.70	32.34	CC48	7/12/06	2006
30.00	231.50	37.46	CC48	7/12/06	2006
20.00	278.00	29.99	CC48	8/2/06	2006
79.00	178.40	76.02	CC48	9/6/06	2006
38.00	206.00	42.22	CC48	10/11/06	2006

38.00	278.30	57.04	CC48	11/1/06	2006
14.00	342.10	25.83	CC48	11/1/06	2006
14.00	312.50	23.60	CC48	12/5/06	2006
15.00	253.10	20.48	CC48	1/11/07	2007
14.00	251.00	18.95	CC48	2/6/07	2007
14.00	272.60	20.58	CC48	3/7/07	2007
19.00	192.10	19.69	CC48	3/7/07	2007
119.00	109.00	69.96	CC48	5/11/07	2007
119.00	108.80	69.83	CC48	5/11/07	2007
187.00	82.70	83.41	CC48	6/5/07	2007
37.00	139.00	27.74	CC48	7/11/07	2007
37.00	141.20	28.18	CC48	7/11/07	2007
46.00	233.30	57.88	CC48	8/6/07	2007
20.00	280.00	30.21	CC48	10/25/07	2007
26.00	317.60	44.54	CC48	11/7/07	2007
20.00	296.00	31.93	CC48	11/7/07	2007
20.00	348.20	37.56	CC48	1/2/08	2008
14.00	294.00	22.20	CC48	1/2/08	2008
14.00	325.80	24.60	CC48	3/12/08	2008
13.00	210.00	14.72	CC48	3/12/08	2008
13.00	224.70	15.76	CC48	4/10/08	2008
15.00	175.30	14.18	CC48	5/7/08	2008
88.00	106.00	50.31	CC48	5/7/08	2008
88.00	104.10	49.41	CC48	6/3/08	2008
304.00	85.00	139.38	CC48	7/9/08	2008
93.00	111.00	55.68	CC48	7/9/08	2008
93.00	125.40	62.90	CC48	8/5/08	2008
36.00	254.90	49.50	CC48	9/3/08	2008
20.00	305.70	32.98	CC48	10/6/08	2008
19.00	277.00	28.39	CC48	11/7/08	2008
18.00	200.00	19.42	CC48	11/7/08	2008
18.00	235.80	22.89	CC48	12/3/08	2008
16.00	216.30	18.67	CC48	1/8/09	2009
14.00	160.00	12.08	CC48	2/6/09	2009
14.00	174.40	13.17	CC48	3/3/09	2009
14.00	127.00	9.59	CC48	3/4/09	2009
14.00	133.00	10.04	CC48	3/4/09	2009
14.00	143.30	10.82	CC48	4/6/09	2009
21.00	140.10	15.87	CC48	5/13/09	2009
308.00	72.00	119.61	CC48	5/13/09	2009
308.00	73.70	122.44	CC48	5/19/09	2009
265.00	64.30	91.91	CC48	6/2/09	2009
104.00	96.80	54.30	CC48	6/16/09	2009
61.00	94.60	31.13	CC48	7/8/09	2009
40.00	113.00	24.38	CC48	7/8/09	2009
40.00	111.60	24.08	CC48	7/14/09	2009
32.00	115.00	19.85	CC48	8/12/09	2009

16.00	254.00	21.92	CC48	8/18/09	2009
16.00	224.00	19.33	CC48	9/16/09	2009
17.00	220.00	20.17	CC48	9/16/09	2009
17.00	239.40	21.95	CC48	9/22/09	2009
16.00	192.00	16.57	CC48	10/5/09	2009
18.00	214.80	20.85	CC48	11/4/09	2009
15.00	157.00	12.70	CC48	11/17/09	2009
14.00	159.00	12.01	CC48	2/17/10	2010
11.00	122.00	7.24	CC48	3/2/10	2010
11.00	136.30	8.09	CC48	3/17/10	2010
11.00	116.00	6.88	CC48	4/6/10	2010
12.00	132.90	8.60	CC48	4/13/10	2010
31.00	107.00	17.89	CC48	5/5/10	2010
70.00	87.00	32.85	CC48	5/5/10	2010
70.00	102.20	38.59	CC48	6/2/10	2010
161.00	78.00	67.73	CC48	6/2/10	2010
161.00	82.80	71.90	CC48	7/8/10	2010
26.00	116.00	16.27	CC48	7/8/10	2010
26.00	133.50	18.72	CC48	7/13/10	2010
21.00	126.00	14.27	CC48	8/10/10	2010
24.00	183.10	23.70	CC48	9/9/10	2010
17.00	180.00	16.50	CC48	9/9/10	2010
17.00	184.90	16.95	CC48	9/14/10	2010
15.00	166.00	13.43	CC48	10/4/10	2010
15.00	184.80	14.95	CC48	11/2/10	2010
15.00	141.00	11.41	CC48	11/3/10	2010
14.00	157.00	11.86	CC48	11/3/10	2010
14.00	157.10	11.86	CC48	12/7/10	2010
13.00	135.20	9.48	CC48	1/5/11	2011
12.00	133.00	8.61	CC48	1/5/11	2011
12.00	148.10	9.59	CC48	2/11/11	2011
12.00	111.30	7.20	CC48	3/9/11	2011
12.00	101.00	6.54	CC48	3/9/11	2011
12.00	103.30	6.69	CC48	3/15/11	2011
12.00	90.90	5.88	CC48	4/6/11	2011
27.00	99.10	14.43	CC48	5/4/11	2011
19.00	90.00	9.22	CC48	5/8/11	2011
74.00	85.40	34.09	CC48	6/3/11	2011
238.00	72.80	93.45	CC48	6/14/11	2011
282.00	61.30	93.24	CC48	7/5/11	2011
118.00	71.40	45.44	CC48	7/19/11	2011
68.00	82.80	30.37	CC48	8/1/11	2011
30.00	117.20	18.96	CC48	8/16/11	2011
21.00	147.00	16.65	CC48	9/7/11	2011
18.00	174.00	16.89	CC48	9/7/11	2011
18.00	159.10	15.45	CC48	9/13/11	2011
18.00	156.00	15.15	CC48	10/7/11	2011
21.00	150.30	17.02	CC48	10/18/11	2011



19.00	136.00	13.94
17.00	129.00	11.83
17.00	136.70	12.53
15.00	120.90	9.78
68.00	61.50	22.56
14.00	73.70	5.57
123.00	80.10	53.14

CC48	11/2/11	2011
CC48	11/2/11	2011
CC48	12/7/11	2011
CC48	5/15/12	2012
CC48	10/2/12	2012
CC48	5/14/13	2013

Red

Flow estimates in red are estimate











4th Quarter	15	12	0.97
1st Quarter	15	9.9	0.80
1st Quarter	17	34.9	3.20
1st Quarter	21	9.5	1.08
1st Quarter	24	12.2	1.58
2nd Quarter	27	3	0.44
2nd Quarter	24	14	1.81
2nd Quarter	23	7.1	0.88
2nd Quarter	24	8.8	1.14
2nd Quarter	23	7.6	0.94
3rd Quarter	40	7.1	1.53
3rd Quarter	25	47.8	6.45
4th Quarter	18	6.4	0.62
4th Quarter	17	1.2	0.11
4th Quarter	14	6	0.45
1st Quarter	15	8.9	0.72
3rd Quarter	33.00	9.30	1.66
3rd Quarter	16.00	9.50	0.82
3rd Quarter	21.00	12.40	1.40
4th Quarter	38.00	8.40	1.72
4th Quarter	16.00	9.80	0.85
4th Quarter	15.00	11.40	0.92
1st Quarter	14.00	11.10	0.84
1st Quarter	14.00	9.00	0.68
1st Quarter	13.00	24.80	1.74
1st Quarter	13.00	11.30	0.79
2nd Quarter	16.00	11.80	1.02
2nd Quarter	16.00	7.30	0.63
2nd Quarter	43.00	21.00	4.87
2nd Quarter	80.00	22.80	9.84
2nd Quarter	81.00	42.20	18.44
2nd Quarter	183.00	29.50	29.12
2nd Quarter	85.00	12.90	5.91
2nd Quarter	93.00	12.60	6.32
2nd Quarter	116.00	13.20	8.26
3rd Quarter	84.00	9.50	4.30
3rd Quarter	54.00	8.30	2.42
3rd Quarter	40.00	16.10	3.47
3rd Quarter	20.00	21.70	2.34
3rd Quarter	18.00	15.00	1.46
3rd Quarter	18.00	10.40	1.01
3rd Quarter	18.00	6.60	0.64
4th Quarter	20.00	10.80	1.17

4th Quarter	15.00	10.90	0.88
1st Quarter	14.00	30.70	2.32
1st Quarter	14.00	13.90	1.05
1st Quarter	23.00	11.50	1.43
2nd Quarter	38.00	12.80	2.62
2nd Quarter	192.00	23.90	24.75
2nd Quarter	27.00	30.10	4.38
2nd Quarter	18.00	13.40	1.30
3rd Quarter	14.00	13.50	1.02
4th Quarter	13.00	16.10	1.13
4th Quarter	14.00	13.10	0.99
4th Quarter	9.40	26.20	1.33
1st Quarter	13.00	12.50	0.88
1st Quarter	15.00	4.90	0.40
1st Quarter	12.00	8.10	0.52
2nd Quarter	13.00	8.00	0.56
3rd Quarter	17.00	9.00	0.83
3rd Quarter	15.00	7.20	0.58
3rd Quarter	14	13.1	0.99
4th Quarter	13	8.1	0.57
4th Quarter	8.5	21.3	0.98
4th Quarter	8.7	12.9	0.61
1st Quarter	9.7	33.5	1.75
1st Quarter	23	14.9	1.85
1st Quarter	33	16.2	2.88
2nd Quarter	194	28.3	29.61
2nd Quarter	9.8	15.4	0.81
2nd Quarter	136	10.80	7.92
3rd Quarter	77.00	10.00	4.15
3rd Quarter	77.00	8.80	3.65
3rd Quarter	17.00	14.10	1.29
3rd Quarter	17.00	19.00	1.74
4th Quarter	22.00	35.20	4.18
4th Quarter	20.00	14.70	1.59
4th Quarter	13.00	16.70	1.17
1st Quarter	13.00	20.00	1.40
1st Quarter	13.00	13.90	0.97
1st Quarter	12.00	14.90	0.96
1st Quarter	16.00	20.00	1.73
1st Quarter	16.00	18.90	1.63
2nd Quarter	19.00	20.60	2.11
2nd Quarter	59.00	13.00	4.14
2nd Quarter	59.00	11.70	3.72
2nd Quarter	142.00	15.80	12.10
3rd Quarter	33.00	15.00	2.67
3rd Quarter	33.00	15.10	2.69
3rd Quarter	30.00	25.70	4.16
3rd Quarter	20.00	15.00	1.62
4th Quarter	79.00	18.90	8.05



4th Quarter	38.00	13.00	2.66
4th Quarter	38.00	16.60	3.40
4th Quarter	14.00	21.30	1.61
1st Quarter	14.00	16.50	1.25
1st Quarter	15.00	14.60	1.18
1st Quarter	14.00	17.00	1.28
1st Quarter	14.00	14.70	1.11
2nd Quarter	119.00	22.00	14.12
2nd Quarter	119.00	21.00	13.48
2nd Quarter	187.00	34.80	35.10
3rd Quarter	37.00	11.00	2.20
3rd Quarter	37.00	13.10	2.61
3rd Quarter	46.00	52.80	13.10
4th Quarter	26.00	28.40	3.98
4th Quarter	20.00	15.00	1.62
4th Quarter	20.00	16.50	1.78
1st Quarter	14.00	17.00	1.28
1st Quarter	14.00	20.40	1.54
1st Quarter	13.00	14.00	0.98
1st Quarter	13.00	16.90	1.19
2nd Quarter	15.00	19.70	1.59
2nd Quarter	88.00	15.00	7.12
2nd Quarter	88.00	19.90	9.45
2nd Quarter	304.00	88.30	144.79
3rd Quarter	93.00	11.00	5.52
3rd Quarter	93.00	17.70	8.88
3rd Quarter	36.00	29.40	5.71
3rd Quarter	20.00	34.70	3.74
4th Quarter	19.00	36.40	3.73
4th Quarter	18.00	21.00	2.04
4th Quarter	18.00	41.10	3.99
4th Quarter	16.00	34.50	2.98
1st Quarter	14.00	16.00	1.21
1st Quarter	14.00	32.90	2.48
1st Quarter	14.00	13.00	0.98
1st Quarter	14.00	16.00	1.21
1st Quarter	14.00	30.80	2.33
2nd Quarter	21.00	23.00	2.61
2nd Quarter	308.00	56.00	93.03
2nd Quarter	308.00	64.00	106.32
2nd Quarter	265.00	18.00	25.73
2nd Quarter	104.00	23.80	13.35
2nd Quarter	61.00	11.10	3.65
3rd Quarter	40.00	11.00	2.37
3rd Quarter	40.00	11.40	2.46
3rd Quarter	32.00	14.00	2.42
3rd Quarter	16.00	16.60	1.43

3rd Quarter	16.00	15.40	1.33
3rd Quarter	17.00	21.00	1.93
3rd Quarter	17.00	28.70	2.63
3rd Quarter	16.00	17.30	1.49
4th Quarter	18.00	21.00	2.04
4th Quarter	15.00	14.00	1.13
4th Quarter	14.00	18.60	1.40
1st Quarter	11.00	19.00	1.13
1st Quarter	11.00	18.70	1.11
1st Quarter	13.70	17.00	1.26
2nd Quarter	12.00	18.60	1.20
2nd Quarter	31.00	18.70	3.13
2nd Quarter	70.00	13.00	4.91
2nd Quarter	70.00	15.50	5.85
2nd Quarter	161.00	24.10	20.93
2nd Quarter	161.00	27.50	23.88
3rd Quarter	26.00	18.00	2.52
3rd Quarter	26.00	31.00	4.35
3rd Quarter	21.00	19.60	2.22
3rd Quarter	24.00	19.10	2.47
3rd Quarter	17.00	22.00	2.02
3rd Quarter	17.00	19.70	1.81
3rd Quarter	15.00	18.00	1.46
4th Quarter	15.00	34.90	2.82
4th Quarter	15.00	17.40	1.41
4th Quarter	14.00	20.00	1.51
4th Quarter	14.00	17.90	1.35
4th Quarter	13.00	21.10	1.48
1st Quarter	12.00	20.00	1.29
1st Quarter	12.00	18.90	1.22
1st Quarter	12.00	18.00	1.17
1st Quarter	12.00	16.00	1.04
1st Quarter	12.00	16.30	1.06
1st Quarter	12.00	17.80	1.15
2nd Quarter	27.00	17.10	2.49
2nd Quarter	19.00	15.00	1.54
2nd Quarter	74.00	23.90	9.54
2nd Quarter	238.00	29.90	38.38
2nd Quarter	282.00	22.10	33.62
3rd Quarter	118.00	13.20	8.40
3rd Quarter	68.00	14.80	5.43
3rd Quarter	30.00	16.80	2.72
3rd Quarter	21.00	20.00	2.27
3rd Quarter	18.00	21.00	2.04
3rd Quarter	18.00	19.30	1.87
3rd Quarter	18.00	21.00	2.04
4th Quarter	21.00	19.40	2.20
4th Quarter	19.00	20.50	2.10

4th Quarter	17.00	20.00	1.83
4th Quarter	17.00	19.90	1.82
4th Quarter	15.00	19.60	1.59
2nd Quarter	68.00	11.90	4.36
4th Quarter	14.00	13.50	1.02
2nd Quarter	123.00	30.30	20.10

s.











































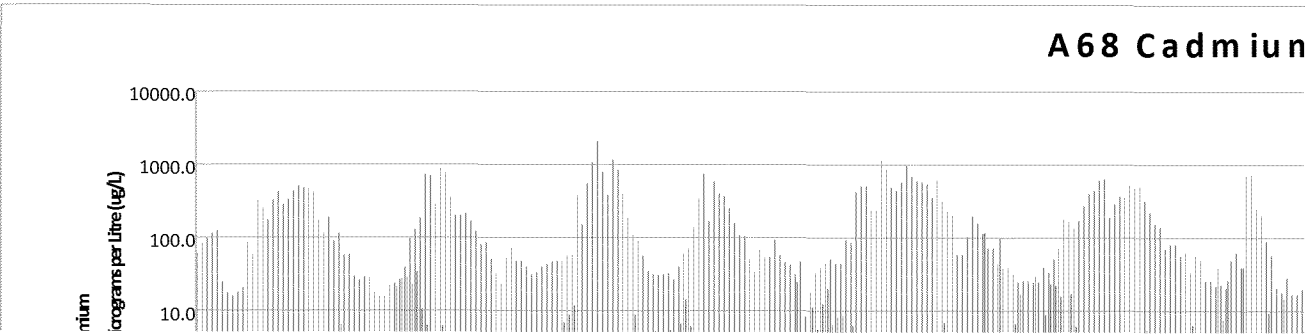
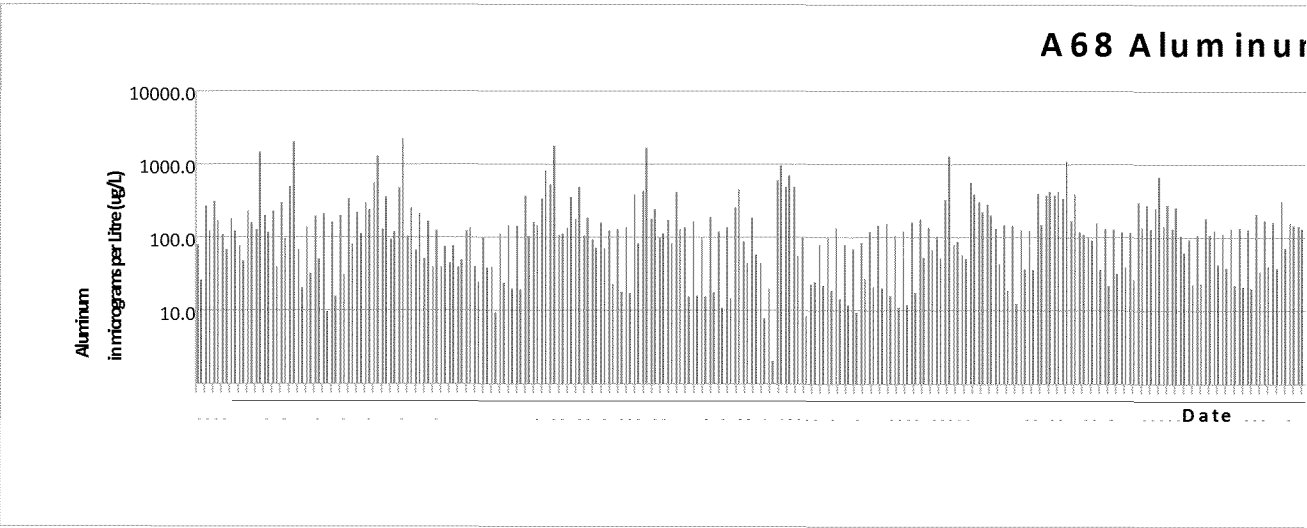
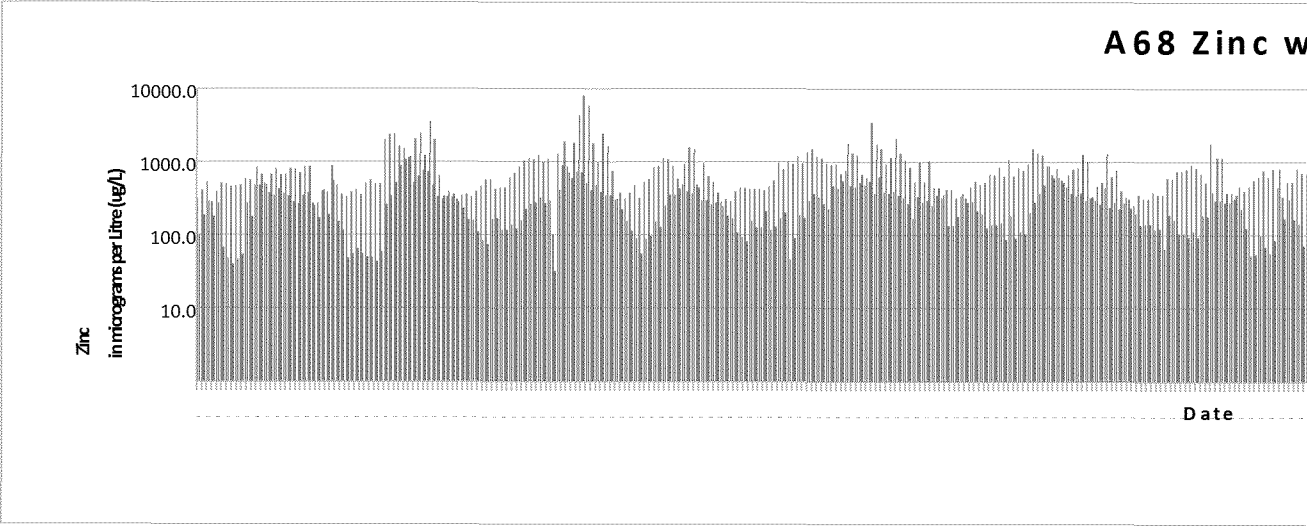


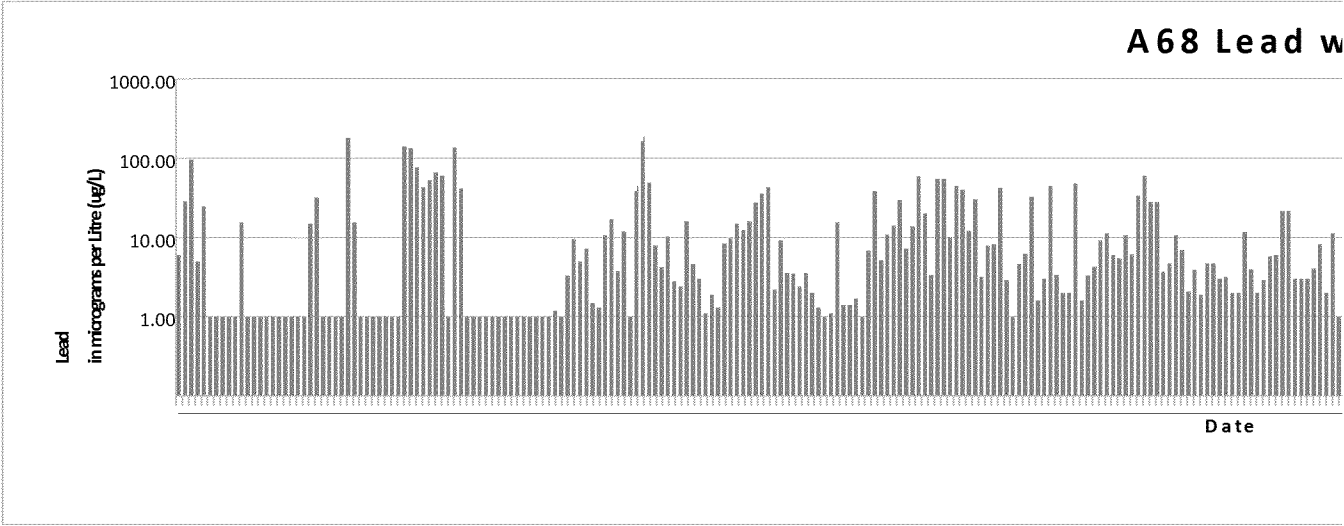
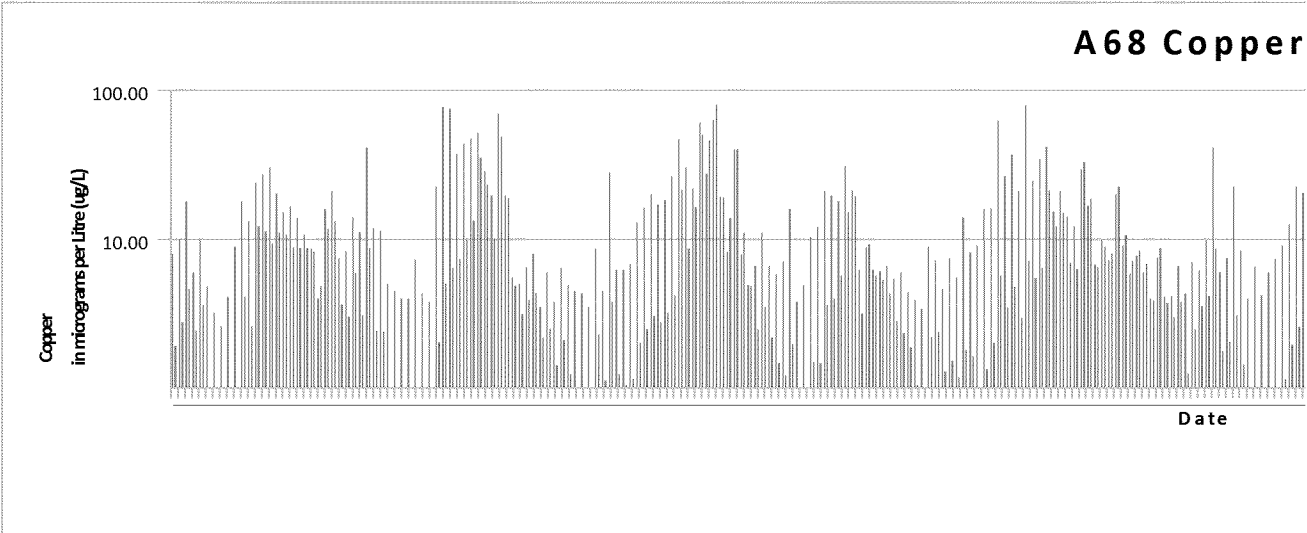
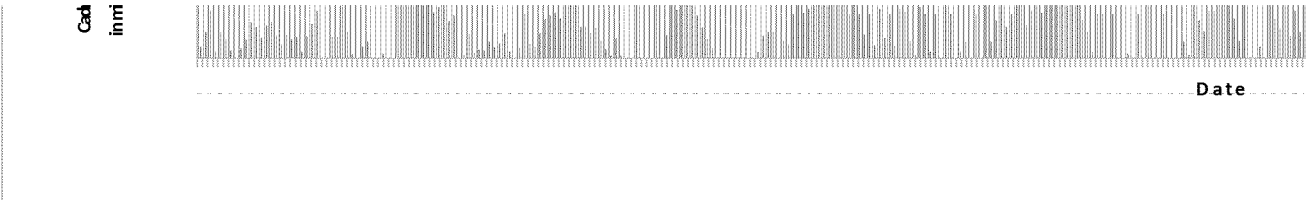












Location	Date	Year	Quarter	Flow (cfs)	Aluminum Total (ug/L)	Aluminum Load (lbs/day)
A68	9/5/91	1991	3rd Quarter	61.2	79.0	26.07
A68	9/6/91	1991	3rd Quarter	84.5	270.0	123.06
A68	9/7/91	1991	3rd Quarter	101.6	310.0	169.93
A68	9/9/91	1991	3rd Quarter	116.5	110.0	69.12
A68	9/10/91	1991	3rd Quarter	126.9	180.0	123.18
A68	11/9/94	1994	4th Quarter	114.0	77.0	47.35
A68	4/12/95	1995	2nd Quarter	129.0	230.0	160.03
A68	6/21/95	1995	2nd Quarter	2120.0	129.0	1475.09
A68	9/6/95	1995	3rd Quarter	110.0	200.0	118.66
A68	11/29/95	1995	4th Quarter	32.0	230.0	39.70
A68	4/9/96	1996	2nd Quarter	60.3	300.0	97.57
A68	5/21/96	1996	2nd Quarter	757.0	500.0	2041.54
A68	10/1/96	1996	4th Quarter	55.0	69.0	20.47
A68	11/19/96	1996	4th Quarter	42.9	140.5	32.51
A68	1/8/97	1997	1st Quarter	47.4	197.0	50.38
A68	1/30/97	1997	1st Quarter	8.5	213.3	9.76
A68	2/25/97	1997	1st Quarter	18.1	162.2	15.84
A68	3/5/97	1997	1st Quarter	29.0	200.0	31.28
A68	3/25/97	1997	1st Quarter	45.1	339.2	82.51
A68	4/29/97	1997	2nd Quarter	95.5	219.5	113.06
A68	5/7/97	1997	2nd Quarter	147.0	300.0	237.87
A68	5/14/97	1997	2nd Quarter	433.0	554.9	1295.91
A68	5/21/97	1997	2nd Quarter	514.0	130.4	361.61
A68	5/29/97	1997	2nd Quarter	238.0	94.8	121.75
A68	6/5/97	1997	2nd Quarter	883.0	472.6	2250.92
A68	6/11/97	1997	2nd Quarter	451.0	104.8	254.85
A68	6/16/97	1997	2nd Quarter	580.0	67.3	210.70
A68	6/26/97	1997	2nd Quarter	606.0	51.5	168.19
A68	7/1/97	1997	3rd Quarter	585.0	40.0	126.21
A68	7/15/97	1997	3rd Quarter	355.0	40.0	76.59
A68	7/30/97	1997	3rd Quarter	324.0	44.8	78.25
A68	8/12/97	1997	3rd Quarter	232.0	40.0	50.05
A68	9/25/97	1997	3rd Quarter	202.0	124.3	135.41
A68	10/22/97	1997	4th Quarter	115.0	40.0	24.81
A68	11/12/97	1997	4th Quarter	73.0	100.0	39.37
A68	11/25/97	1997	4th Quarter	44.2	40.0	9.54
A68	12/23/97	1997	4th Quarter	39.0	114.4	24.07

A68	2/12/98	1998	1st Quarter	25.0	147.8	19.93
A68	3/16/98	1998	1st Quarter	25.1	145.3	19.67
A68	4/23/98	1998	2nd Quarter	52.0	374.3	104.97
A68	5/6/98	1998	2nd Quarter	168.0	163.6	148.24
A68	5/29/98	1998	2nd Quarter	449.0	344.8	835.11
A68	6/2/98	1998	2nd Quarter	621.0	538.8	1804.64
A68	6/9/98	1998	2nd Quarter	193.0	108.3	112.74
A68	6/24/98	1998	2nd Quarter	485.0	137.5	359.74
A68	7/1/98	1998	3rd Quarter	508.0	180.0	493.21
A68	7/9/98	1998	3rd Quarter	325.0	107.9	189.22
A68	7/22/98	1998	3rd Quarter	141.0	95.4	72.53
A68	9/2/98	1998	3rd Quarter	83.0	160.0	71.63
A68	9/30/98	1998	3rd Quarter	34.0	127.1	23.30
A68	1/6/99	1999	1st Quarter	26.0	130.0	18.23
A68	3/3/99	1999	1st Quarter	23.0	140.0	17.37
A68	5/6/99	1999	2nd Quarter	40.0	390.0	84.14
A68	6/23/99	1999	2nd Quarter	725.0	437.0	1708.88
A68	8/4/99	1999	3rd Quarter	253.0	180.0	245.63
A68	9/1/99	1999	3rd Quarter	210.0	100.0	113.27
A68	9/16/99	1999	3rd Quarter	91.0	172.0	84.42
A68	10/14/99	1999	4th Quarter	58.0	418.0	130.77
A68	11/3/99	1999	4th Quarter	21.0	140.0	15.86
A68	11/17/99	1999	4th Quarter	18.0	166.0	16.12
A68	1/5/00	2000	1st Quarter	29.0	100.0	15.64
A68	2/28/00	2000	1st Quarter	17.0	194.0	17.79
A68	3/1/00	2000	1st Quarter	17.0	120.0	11.00
A68	3/15/00	2000	1st Quarter	20.0	138.0	14.89
A68	5/3/00	2000	2nd Quarter	328.0	260.0	459.98
A68	7/5/00	2000	3rd Quarter	92.0	90.0	44.66
A68	11/1/00	2000	4th Quarter	57.0	190.0	58.41
A68	1/3/01	2001	1st Quarter	33.0	45.0	8.01
A68	3/14/01	2001	1st Quarter	19.0	20.0	2.05
A68	5/2/01	2001	2nd Quarter	301.0	600.0	974.11
A68	7/6/01	2001	3rd Quarter	266.0	500.0	717.37
A68	1/2/02	2002	1st Quarter	21.0	500.0	56.63
A68	3/6/02	2002	1st Quarter	16.0	100.0	8.63
A68	6/5/02	2002	2nd Quarter	200.0	23.0	24.81
A68	6/27/02	2002	2nd Quarter	51.0	81.0	22.28
A68	7/3/02	2002	3rd Quarter	35.0	100.0	18.88
A68	7/17/02	2002	3rd Quarter	20.0	136.0	14.67
A68	8/14/02	2002	3rd Quarter	28.0	80.0	12.08
A68	9/4/02	2002	3rd Quarter	25.0	70.0	9.44
A68	9/18/02	2002	3rd Quarter	60.0	86.0	27.83
A68	11/12/02	2002	4th Quarter	33.0	121.0	21.54
A68	12/8/02	2002	4th Quarter	26.0	147.0	20.61

A68	1/8/03	2003	1st Quarter	19.0	157.0	16.09
A68	1/9/03	2003	1st Quarter	19.0	108.0	11.07
A68	2/1/03	2003	1st Quarter	18.0	124.0	12.04
A68	3/9/03	2003	1st Quarter	20.0	164.0	17.69
A68	4/24/03	2003	2nd Quarter	55.0	181.0	53.69
A68	5/7/03	2003	2nd Quarter	90.0	140.5	68.18
A68	5/7/03	2003	2nd Quarter	94.9	104.0	53.21
A68	6/2/03	2003	2nd Quarter	743	328	1314.48
A68	7/2/03	2003	3rd Quarter	206.5	80.0	89.11
A68	7/2/03	2003	3rd Quarter	163.0	59.0	51.85
A68	8/14/03	2003	3rd Quarter	129.0	569.0	395.91
A68	9/11/03	2003	3rd Quarter	135.0	309.0	225.00
A68	9/11/03	2003	3rd Quarter	132.0	289.0	205.76
A68	10/4/03	2003	4th Quarter	62.0	133.0	44.48
A68	11/6/03	2003	4th Quarter	24.0	150.0	19.42
A68	12/29/03	2003	4th Quarter	16.0	147.0	12.69
A68	3/3/04	2004	1st Quarter	54.0	128.0	37.28
A68	3/3/04	2004	1st Quarter	54.0	127.0	36.99
A68	4/16/04	2004	2nd Quarter	69.0	404.0	150.36
A68	5/5/04	2004	2nd Quarter	210.0	383.0	433.82
A68	5/5/04	2004	2nd Quarter	210.0	381.0	431.56
A68	5/28/04	2004	2nd Quarter	591.0	348.0	1109.33
A68	6/17/04	2004	2nd Quarter	429.0	170.0	393.37
A68	7/7/04	2004	3rd Quarter	174	120	112.62
A68	7/7/04	2004	3rd Quarter	169.3	102.0	93.14
A68	8/19/04	2004	3rd Quarter	43.0	159.0	36.88
A68	9/1/04	2004	3rd Quarter	31.0	134.0	22.41
A68	9/15/04	2004	3rd Quarter	46	132	32.75
A68	10/14/04	2004	4th Quarter	61.0	120.0	39.48
A68	11/10/04	2004	4th Quarter	42.4	119.0	27.24
A68	5/4/05	2005	2nd Quarter	85.0	306	140.29
A68	5/4/05	2005	2nd Quarter	86.0	283.7	131.59
A68	6/9/05	2005	2nd Quarter	498	252	676.90
A68	7/6/05	2005	3rd Quarter	365.0	144	283.50
A68	7/6/05	2005	3rd Quarter	365	133	261.84
A68	8/10/05	2005	3rd Quarter	109.0	108	63.50
A68	9/14/05	2005	3rd Quarter	45.0	95	23.06
A68	9/15/05	2005	3rd Quarter	41.0	110	24.33
A68	10/13/05	2005	4th Quarter	109	184	108.18
A68	11/2/05	2005	4th Quarter	64.0	126	43.50
A68	11/2/05	2005	4th Quarter	64	113	39.01
A68	12/20/05	2005	4th Quarter	31	135	22.57
A68	1/6/06	2006	1st Quarter	29.0	137	21.43
A68	1/6/06	2006	1st Quarter	29.0	131	20.49
A68	2/8/06	2006	1st Quarter	30.0	213	34.47

A68	3/15/06	2006	1st Quarter	44.0	173	41.06
A68	3/15/06	2006	1st Quarter	44.0	162	38.45
A68	4/5/06	2006	2nd Quarter	43.0	317	73.52
A68	5/10/06	2006	2nd Quarter	170.0	160	146.71
A68	5/10/06	2006	2nd Quarter	170.0	145	132.96
A68	6/6/06	2006	2nd Quarter	624.0	272	915.47
A68	7/12/06	2006	3rd Quarter	171.0	142	130.97
A68	7/12/06	2006	3rd Quarter	171.0	141	130.05
A68	8/2/06	2006	3rd Quarter	137.0	161	118.97
A68	9/6/06	2006	3rd Quarter	73.0	109	42.92
A68	9/6/06	2006	3rd Quarter	73.0	27	10.63
A68	10/11/06	2006	4th Quarter	267.0	194	279.39
A68	11/1/06	2006	4th Quarter	90.0	166	80.58
A68	11/1/06	2006	4th Quarter	90.0	133	64.56
A68	12/5/06	2006	4th Quarter	43.0	119	27.60
A68	1/11/07	2007	1st Quarter	26.0	130	18.23
A68	2/6/07	2007	1st Quarter	22.0	170	20.17
A68	3/7/07	2007	1st Quarter	22.0	137	16.26
A68	3/7/07	2007	1st Quarter	22.0	126	14.95
A68	4/2/07	2007	2nd Quarter	59.0	200	63.65
A68	5/11/07	2007	2nd Quarter	339.0	246	449.81
A68	5/11/07	2007	2nd Quarter	339	202	369.35
A68	6/5/07	2007	2nd Quarter	744	339	1360.40
A68	6/14/07	2007	2nd Quarter	489.0	160	422.01
A68	6/14/07	2007	2nd Quarter	489.0	160	422.01
A68	7/11/07	2007	3rd Quarter	177	131	125.07
A68	7/11/07	2007	3rd Quarter	177.0	105	100.24
A68	8/6/07	2007	3rd Quarter	305	650	1069.31
A68	9/5/07	2007	3rd Quarter	64	141	48.67
A68	9/5/07	2007	3rd Quarter	64.0	100	34.52
A68	10/25/07	2007	4th Quarter	90.0	152	73.79
A68	11/7/07	2007	4th Quarter	54.0	108	31.46
A68	12/5/07	2007	4th Quarter	25	132	17.80
A68	1/2/08	2008	1st Quarter	33.0	97.0	17.27
A68	1/2/08	2008	1st Quarter	33	20	3.56
A68	3/12/08	2008	1st Quarter	80.0	273.0	117.80
A68	4/10/08	2008	2nd Quarter	32	530	91.48
A68	5/7/08	2008	2nd Quarter	164.0	301.0	266.26
A68	5/7/08	2008	2nd Quarter	164	260	229.99
A68	6/3/08	2008	2nd Quarter	760	1119	4587.08
A68	7/9/08	2008	3rd Quarter	393.0	146.0	309.48
A68	7/9/08	2008	3rd Quarter	398	126	270.49
A68	8/5/08	2008	3rd Quarter	136	116	85.09
A68	9/3/08	2008	3rd Quarter	69.0	102	37.96
A68	9/3/08	2008	3rd Quarter	69	100	37.22



A68	10/6/08	2008	4th Quarter	40	119	25.67
A68	11/7/08	2008	4th Quarter	27.0	138.0	20.10
A68	11/7/08	2008	4th Quarter	27	80	11.65
A68	12/3/08	2008	4th Quarter	20	128	13.81
A68	3/4/09	2009	1st Quarter	33	243	43.25
A68	3/4/09	2009	1st Quarter	33	225	40.05
A68	4/6/09	2009	2nd Quarter	44	341	80.93
A68	5/13/09	2009	2nd Quarter	562	1630	4941.02
A68	5/13/09	2009	2nd Quarter	562	1455	4410.54
A68	5/19/09	2009	2nd Quarter	508	1010	2767.44
A68	6/2/09	2009	2nd Quarter	369	145	288.59
A68	6/16/09	2009	2nd Quarter	272	165	242.07
A68	7/8/09	2009	3rd Quarter	318	75	128.64
A68	7/8/09	2009	3rd Quarter	206	96	106.67
A68	7/14/09	2009	3rd Quarter	145.00	117	91.51
A68	8/12/09	2009	3rd Quarter	318	68	116.63
A68	8/18/09	2009	3rd Quarter	43	120	27.83
A68	9/16/09	2009	3rd Quarter	73	181	71.27
A68	9/16/09	2009	3rd Quarter	49	87	22.99
A68	9/22/09	2009	3rd Quarter	42	134	30.36
A68	10/5/09	2009	4th Quarter	35	124	23.41
A68	11/4/09	2009	4th Quarter	25.7	120.0	16.62
A68	11/5/09	2009	4th Quarter	27	181	26.36
A68	11/17/09	2009	4th Quarter	28.3	189	28.80
A68	12/1/09	2009	4th Quarter	22	140	16.61
A68	2/17/10	2010	1st Quarter	29.0	269	42.08
A68	3/2/10	2010	1st Quarter	28	196	29.60
A68	3/17/10	2010	1st Quarter	18.9	177	18.09
A68	4/16/10	2010	2nd Quarter	92	317	157.30
A68	5/5/10	2010	2nd Quarter	131.1	159	112.43
A68	5/5/10	2010	2nd Quarter	131.1	140.0	99.00
A68	6/2/10	2010	2nd Quarter	624	353	1188.10
A68	6/2/10	2010	2nd Quarter	517	348	970.43
A68	7/8/10	2010	3rd Quarter	125	73	49.22
A68	7/8/10	2010	3rd Quarter	125	60.0	40.45
A68	7/13/10	2010	3rd Quarter	81.0	100	43.69
A68	8/10/10	2010	3rd Quarter	92	158	78.40
A68	9/9/10	2010	3rd Quarter	73	90.0	35.44
A68	9/9/10	2010	3rd Quarter	57	88	27.06
A68	9/14/10	2010	3rd Quarter	44.0	124	29.43
A68	10/4/10	2010	4th Quarter	39	78	16.41
A68	11/2/10	2010	4th Quarter	36.0	101	19.61
A68	11/3/10	2010	4th Quarter	58	80.0	25.03
A68	11/3/10	2010	4th Quarter	58	79	24.71
A68	12/7/10	2010	4th Quarter	27	115	16.75

A68	1/5/11	2011	1st Quarter	26	75	10.52
A68	2/11/11	2011	1st Quarter	22	176	20.88
A68	3/9/11	2011	1st Quarter	42	280	63.43
A68	3/9/11	2011	1st Quarter	14	93	7.02
A68	3/15/11	2011	1st Quarter	23.0	275	34.12
A68	4/6/11	2011	2nd Quarter	45	454	110.19
A68	5/4/11	2011	2nd Quarter	35	308	58.14
A68	5/8/11	2011	2nd Quarter	133	447	320.67
A68	6/3/11	2011	2nd Quarter	457	299	737.02
A68	6/14/11	2011	2nd Quarter	666	540	1939.82
A68	7/5/11	2011	3rd Quarter	445	140	336.03
A68	7/19/11	2011	3rd Quarter	339	217	396.78
A68	8/1/11	2011	3rd Quarter	172	76	70.51
A68	8/16/11	2011	3rd Quarter	67.0	100	36.14
A68	9/7/11	2011	3rd Quarter	51	72	19.81
A68	9/7/11	2011	3rd Quarter	49	52	13.74
A68	9/13/11	2011	3rd Quarter	40.0	100	21.58
A68	10/7/11	2011	4th Quarter	45	107	25.97
A68	10/18/11	2011	4th Quarter	46.0	100	24.81
A68	11/2/11	2011	4th Quarter	96	96	49.71
A68	5/15/12	2012	2nd Quarter	268.0	154	222.61
A68	10/1/12	2012	4th Quarter	28.0	100.0	15.10
A68	5/14/13	2013	2nd Quarter	387.0	93.3	194.75

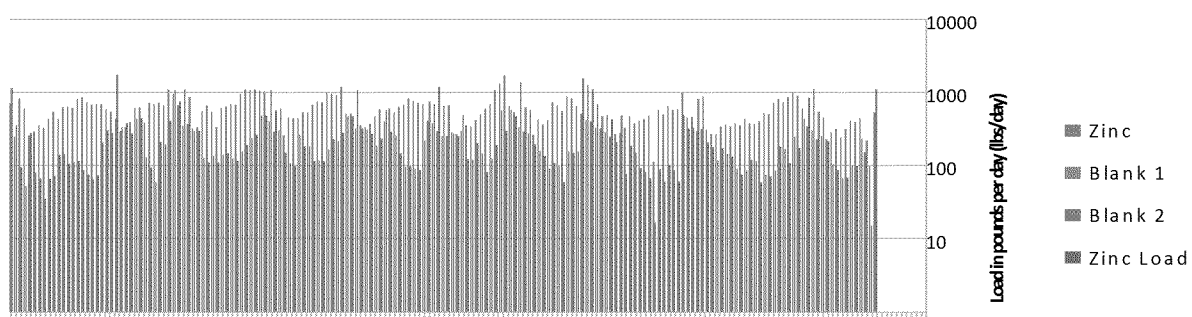




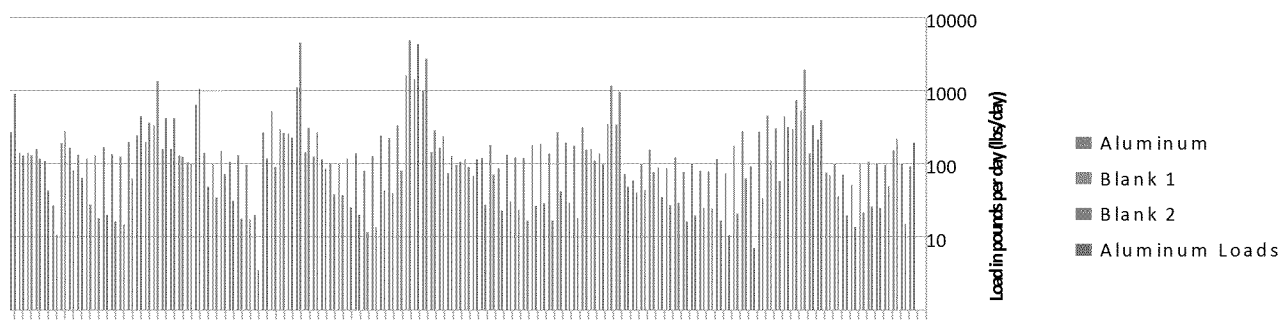




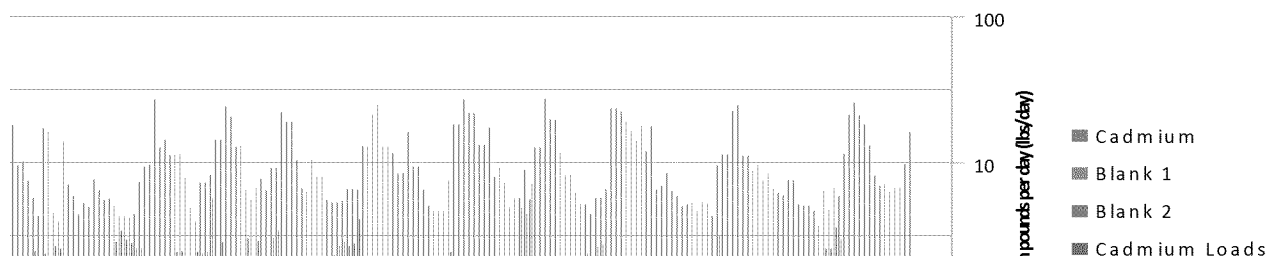
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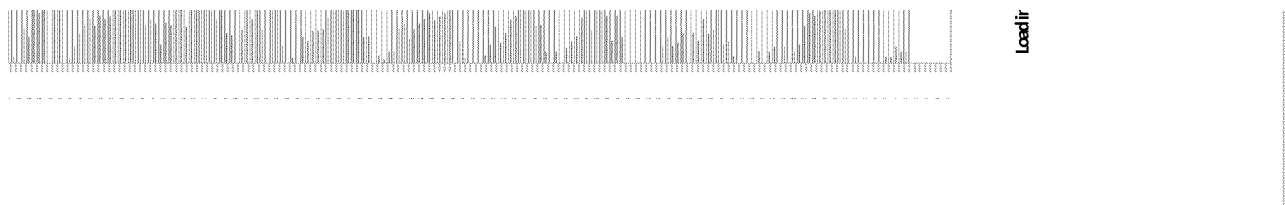


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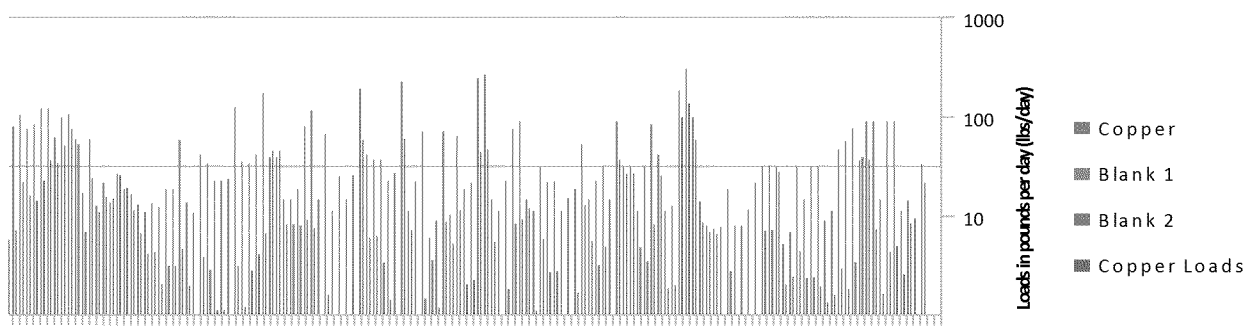


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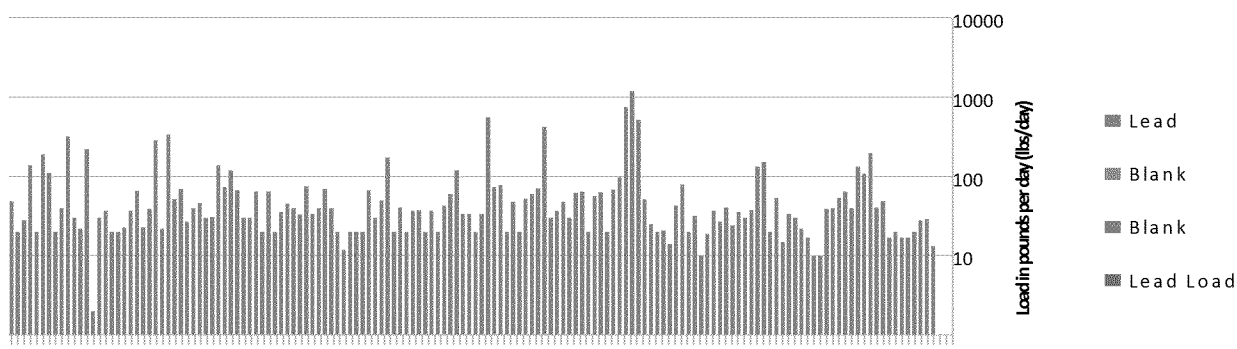




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## with loads





Location	Date	Year	Quarter	Flow (cfs)	Cadmium Total (ug/L)	Cadmium Load (lbs/day)
A68	9/5/91	1991	3rd Quarter	61.2	1.20	0.40
A68	9/6/91	1991	3rd Quarter	84.5	1.50	0.68
A68	9/7/91	1991	3rd Quarter	101.6	2.10	1.15
A68	9/9/91	1991	3rd Quarter	116.5	1.10	0.69
A68	9/10/91	1991	3rd Quarter	126.9	1.50	1.03
A68	12/8/91	1991	4th Quarter	25.0	1.35	0.18
A68	1/15/92	1992	1st Quarter	17.8	1.12	0.11
A68	2/13/92	1992	1st Quarter	16.0	0.96	0.08
A68	3/5/92	1992	1st Quarter	18.0	1.16	0.11
A68	3/16/92	1992	1st Quarter	21.0	1.33	0.15
A68	4/13/92	1992	2nd Quarter	86.0	1.76	0.82
A68	4/20/92	1992	2nd Quarter	59.0	1.62	0.52
A68	4/30/92	1992	2nd Quarter	328.0	1.38	2.44
A68	5/5/92	1992	2nd Quarter	257.0	1.67	2.31
A68	5/11/92	1992	2nd Quarter	176.0	1.77	1.68
A68	5/18/92	1992	2nd Quarter	334.0	1.43	2.58
A68	5/26/92	1992	2nd Quarter	430.0	1.24	2.88
A68	6/1/92	1992	2nd Quarter	290.0	1.44	2.25
A68	6/8/92	1992	2nd Quarter	341.0	1.33	2.45
A68	6/15/92	1992	2nd Quarter	442.0	1.39	3.31
A68	6/22/92	1992	2nd Quarter	512.0	1.10	3.04
A68	6/23/92	1992	2nd Quarter	486.0	1.40	3.67
A68	6/24/92	1992	2nd Quarter	463.0	1.70	4.25
A68	6/25/92	1992	2nd Quarter	421.0	2.10	4.77
A68	7/14/92	1992	3rd Quarter	173.0	0.94	0.88
A68	7/21/92	1992	3rd Quarter	117.0	0.97	0.61
A68	7/27/92	1992	3rd Quarter	191.0	1.40	1.44
A68	8/10/92	1992	3rd Quarter	91.0	1.40	0.69
A68	8/24/92	1992	3rd Quarter	116.0	2.57	1.61
A68	9/15/92	1992	3rd Quarter	59	1.53	0.49
A68	9/16/92	1992	3rd Quarter	60.0	1.06	0.34
A68	10/14/92	1992	4th Quarter	30.0	0.89	0.14
A68	10/14/92	1992	4th Quarter	26.8	1.20	0.17
A68	10/15/92	1992	4th Quarter	29.2	1.30	0.20
A68	11/18/92	1992	4th Quarter	29.0	0.74	0.12
A68	12/16/92	1992	4th Quarter	18.0	0.93	0.09
A68	1/13/93	1993	1st Quarter	16.0	1.07	0.09

A68	2/17/93	1993	1st Quarter	16.0	0.86	0.07
A68	3/10/93	1993	1st Quarter	22.0	0.91	0.11
A68	3/31/93	1993	1st Quarter	24.0	4.64	0.60
A68	4/14/93	1993	2nd Quarter	27.0	5.29	0.77
A68	4/21/93	1993	2nd Quarter	40.0	5.43	1.17
A68	4/29/93	1993	2nd Quarter	99.0	4.81	2.57
A68	5/4/93	1993	2nd Quarter	132.0	5.85	4.17
A68	5/12/93	1993	2nd Quarter	190.0	3.26	3.34
A68	5/26/93	1993	2nd Quarter	741.0	2.53	10.11
A68	6/2/93	1993	2nd Quarter	718.0	2.04	7.90
A68	6/9/93	1993	2nd Quarter	299.0	2.24	3.61
A68	6/16/93	1993	2nd Quarter	907.0	2.51	12.28
A68	6/23/93	1993	2nd Quarter	769.0	1.79	7.42
A68	7/14/93	1993	3rd Quarter	360.0	1.95	3.79
A68	7/20/93	1993	3rd Quarter	206.0	0.98	1.09
A68	7/21/93	1993	3rd Quarter	206.0	1.05	1.17
A68	7/21/93	1993	3rd Quarter	221.0	1.46	1.74
A68	7/28/93	1993	3rd Quarter	170.0	1.08	0.99
A68	8/11/93	1993	3rd Quarter	122.0	1.15	0.76
A68	8/25/93	1993	3rd Quarter	83.0	1.13	0.51
A68	9/15/93	1993	3rd Quarter	88.0	1.29	0.61
A68	10/13/93	1993	4th Quarter	52.0	1.18	0.33
A68	11/17/93	1993	4th Quarter	33.0	1.26	0.22
A68	12/15/93	1993	4th Quarter	24.0	1.48	0.19
A68	1/12/94	1994	1st Quarter	53.0	1.11	0.32
A68	10/13/94	1994	4th Quarter	74.0	0.93	0.37
A68	11/9/94	1994	4th Quarter	49.0	1.18	0.31
A68	11/9/94	1994	4th Quarter	49.0	2.00	0.53
A68	12/13/94	1994	4th Quarter	41.0	1.24	0.27
A68	1/18/95	1995	1st Quarter	32.0	1.20	0.21
A68	2/15/95	1995	1st Quarter	34.0	1.47	0.27
A68	3/1/95	1995	1st Quarter	41.0	1.84	0.41
A68	3/15/95	1995	1st Quarter	44	1.96	0.47
A68	4/6/95	1995	2nd Quarter	48.0	2.03	0.53
A68	4/12/95	1995	2nd Quarter	49.0	1.86	0.49
A68	4/19/95	1995	2nd Quarter	50	2.64	0.71
A68	5/3/95	1995	2nd Quarter	58.0	3.00	0.94
A68	5/10/95	1995	2nd Quarter	60	3.48	1.13
A68	5/22/95	1995	2nd Quarter	393	1.63	3.46
A68	5/31/95	1995	2nd Quarter	154.0	1.64	1.36
A68	6/7/95	1995	2nd Quarter	560.0	1.47	4.44
A68	6/14/95	1995	2nd Quarter	1090.0	1.62	9.52
A68	6/21/95	1995	2nd Quarter	2120.0	1.31	14.98
A68	6/28/95	1995	2nd Quarter	803.0	1.15	4.98
A68	7/5/95	1995	3rd Quarter	388.0	1.04	2.18

A68	7/12/95	1995	3rd Quarter	1170	1.36	8.58
A68	7/19/95	1995	3rd Quarter	865.0	1.04	4.85
A68	8/2/95	1995	3rd Quarter	399.0	0.78	1.68
A68	8/16/95	1995	3rd Quarter	194.0	0.79	0.83
A68	9/6/95	1995	3rd Quarter	110.0	3.00	1.78
A68	9/13/95	1995	3rd Quarter	91	0.92	0.45
A68	10/11/95	1995	4th Quarter	57.0	0.97	0.30
A68	11/15/95	1995	4th Quarter	35	0.97	0.18
A68	11/29/95	1995	4th Quarter	32.0	2.30	0.40
A68	12/13/95	1995	4th Quarter	31	0.85	0.14
A68	2/14/96	1996	1st Quarter	32.0	1.43	0.25
A68	3/13/96	1996	1st Quarter	33.0	2.35	0.42
A68	3/20/96	1996	1st Quarter	27.0	2.13	0.31
A68	4/3/96	1996	2nd Quarter	41.0	2.61	0.58
A68	4/9/96	1996	2nd Quarter	60.3	3.80	1.24
A68	4/10/96	1996	2nd Quarter	75.0	2.49	1.01
A68	5/1/96	1996	2nd Quarter	139.0	1.96	1.47
A68	5/8/96	1996	2nd Quarter	354.0	1.61	3.07
A68	5/15/96	1996	2nd Quarter	752.0	1.35	5.48
A68	5/29/96	1996	2nd Quarter	169.0	1.17	1.07
A68	6/5/96	1996	2nd Quarter	596.0	0.93	2.99
A68	6/12/96	1996	2nd Quarter	404.0	0.84	1.83
A68	6/19/96	1996	2nd Quarter	373.0	0.69	1.39
A68	6/26/96	1996	2nd Quarter	253.0	0.96	1.31
A68	7/10/96	1996	3rd Quarter	161.0	0.71	0.62
A68	7/16/96	1996	3rd Quarter	110.0	1.00	0.59
A68	7/17/96	1996	3rd Quarter	108.0	0.67	0.39
A68	8/7/96	1996	3rd Quarter	51.0	0.84	0.23
A68	8/21/96	1996	3rd Quarter	34.0	1.09	0.20
A68	9/18/96	1996	3rd Quarter	68.0	1.42	0.52
A68	10/1/96	1996	4th Quarter	55.0	1.50	0.44
A68	10/1/96	1996	4th Quarter	55.0	1.50	0.44
A68	10/16/96	1996	4th Quarter	95.0	0.97	0.50
A68	10/23/96	1996	4th Quarter	59.0	1.32	0.42
A68	11/13/96	1996	4th Quarter	47.0	1.24	0.31
A68	11/19/96	1996	4th Quarter	42.9	2.00	0.46
A68	1/7/97	1997	1st Quarter	32.0	5.00	0.86
A68	1/8/97	1997	1st Quarter	47.4	2.05	0.52
A68	1/30/97	1997	1st Quarter	8.5	2.16	0.10
A68	2/25/97	1997	1st Quarter	18.1	3.39	0.33
A68	3/12/97	1997	1st Quarter	33.0	2.40	0.43
A68	3/19/97	1997	1st Quarter	40.0	3.56	0.77
A68	3/25/97	1997	1st Quarter	45.1	4.54	1.10
A68	4/2/97	1997	2nd Quarter	52.0	2.57	0.72
A68	4/16/97	1997	2nd Quarter	45.0	2.87	0.70

A68	4/16/97	1997	2nd Quarter	45.0	2.95	0.72
A68	4/29/97	1997	2nd Quarter	95.5	2.00	1.03
A68	4/30/97	1997	2nd Quarter	87.0	2.52	1.18
A68	5/14/97	1997	2nd Quarter	433.0	2.00	4.67
A68	5/21/97	1997	2nd Quarter	517.0	1.45	4.04
A68	5/21/97	1997	2nd Quarter	514.0	2.00	5.54
A68	5/28/97	1997	2nd Quarter	239.0	1.22	1.57
A68	5/29/97	1997	2nd Quarter	238.0	2.16	2.77
A68	6/4/97	1997	2nd Quarter	1180.0	1.36	8.66
A68	6/5/97	1997	2nd Quarter	883.0	2.00	9.53
A68	6/11/97	1997	2nd Quarter	499.0	1.22	3.28
A68	6/11/97	1997	2nd Quarter	451.0	2.14	5.20
A68	6/16/97	1997	2nd Quarter	580.0	2.06	6.43
A68	6/18/97	1997	2nd Quarter	988.0	1.30	6.93
A68	6/25/97	1997	2nd Quarter	701.0	1.05	3.97
A68	6/26/97	1997	2nd Quarter	606.0	2.23	7.29
A68	7/1/97	1997	3rd Quarter	585.0	2.00	6.31
A68	7/9/97	1997	3rd Quarter	549.0	1.10	3.26
A68	7/15/97	1997	3rd Quarter	355.0	2.00	3.83
A68	7/16/97	1997	3rd Quarter	637.0	0.79	2.71
A68	7/30/97	1997	3rd Quarter	324.0	2.66	4.66
A68	8/12/97	1997	3rd Quarter	232.0	2.00	2.50
A68	8/13/97	1997	3rd Quarter	207.0	0.83	0.93
A68	9/11/97	1997	3rd Quarter	60.0	1.11	0.36
A68	9/11/97	1997	3rd Quarter	60.0	1.30	0.42
A68	9/17/97	1997	3rd Quarter	104.0	0.91	0.51
A68	9/25/97	1997	3rd Quarter	202.0	2.00	2.18
A68	10/15/97	1997	4th Quarter	160.0	0.85	0.73
A68	10/22/97	1997	4th Quarter	115.0	10.88	6.75
A68	11/12/97	1997	4th Quarter	73.0	1.29	0.51
A68	11/12/97	1997	4th Quarter	73.0	1.80	0.71
A68	11/25/97	1997	4th Quarter	44.2	9.97	2.38
A68	12/17/97	1997	4th Quarter	38.0	1.63	0.33
A68	12/23/97	1997	4th Quarter	39.0	2.00	0.42
A68	1/7/98	1998	1st Quarter	32.0	2.60	0.45
A68	2/12/98	1998	1st Quarter	25.0	4.15	0.56
A68	3/4/98	1998	1st Quarter	26.0	1.67	0.23
A68	3/5/98	1998	1st Quarter	26.0	2.10	0.29
A68	3/16/98	1998	1st Quarter	25.1	5.55	0.75
A68	3/18/98	1998	1st Quarter	25.0	2.01	0.27
A68	4/1/98	1998	2nd Quarter	40.0	2.98	0.64
A68	4/15/98	1998	2nd Quarter	34.0	4.84	0.89
A68	4/23/98	1998	2nd Quarter	52.0	4.76	1.34
A68	4/29/98	1998	2nd Quarter	72.0	3.99	1.55
A68	5/5/98	1998	2nd Quarter	184.0	2.27	2.25

A68	5/6/98	1998	2nd Quarter	168.0	4.18	3.79
A68	5/7/98	1998	2nd Quarter	139.0	2.50	1.87
A68	5/13/98	1998	2nd Quarter	172.0	1.81	1.68
A68	5/20/98	1998	2nd Quarter	274.0	1.52	2.25
A68	5/27/98	1998	2nd Quarter	402.0	1.10	2.39
A68	5/29/98	1998	2nd Quarter	449.0	2.00	4.84
A68	6/2/98	1998	2nd Quarter	621.0	2.00	6.70
A68	6/3/98	1998	2nd Quarter	640.0	0.86	2.97
A68	6/9/98	1998	2nd Quarter	193.0	2.00	2.08
A68	6/10/98	1998	2nd Quarter	291	0.86	1.35
A68	6/17/98	1998	2nd Quarter	370.0	0.74	1.48
A68	6/17/98	1998	2nd Quarter	370	1.07	2.14
A68	6/24/98	1998	2nd Quarter	533.0	0.80	2.30
A68	6/24/98	1998	2nd Quarter	485.0	2.00	5.23
A68	7/1/98	1998	3rd Quarter	508.0	1.00	2.74
A68	7/9/98	1998	3rd Quarter	325.0	2.36	4.14
A68	7/15/98	1998	3rd Quarter	225.0	0.77	0.93
A68	7/22/98	1998	3rd Quarter	156.0	0.86	0.72
A68	7/22/98	1998	3rd Quarter	141.0	2.00	1.52
A68	8/26/98	1998	3rd Quarter	72.0	0.83	0.32
A68	9/2/98	1998	3rd Quarter	83.0	0.90	0.40
A68	9/2/98	1998	3rd Quarter	83.0	0.90	0.40
A68	9/9/98	1998	3rd Quarter	57.0	1.30	0.40
A68	9/16/98	1998	3rd Quarter	64.0	1.05	0.36
A68	9/30/98	1998	3rd Quarter	34.0	2.54	0.47
A68	11/3/98	1998	4th Quarter	59.0	1.80	0.57
A68	11/18/98	1998	4th Quarter	51.0	1.52	0.42
A68	1/6/99	1999	1st Quarter	26.0	2.10	0.29
A68	1/6/99	1999	1st Quarter	26.0	2.10	0.29
A68	2/24/99	1999	1st Quarter	22.0	6.29	0.75
A68	3/3/99	1999	1st Quarter	23.0	2.80	0.35
A68	3/17/99	1999	1st Quarter	21.0	5.14	0.58
A68	4/1/99	1999	2nd Quarter	50.0	1.86	0.50
A68	4/26/99	1999	2nd Quarter	63.0	1.31	0.45
A68	5/6/99	1999	2nd Quarter	40.0	6.30	1.36
A68	6/23/99	1999	2nd Quarter	725.0	0.60	2.35
A68	6/23/99	1999	2nd Quarter	725.0	0.60	2.35
A68	8/4/99	1999	3rd Quarter	253.0	1.20	1.64
A68	9/1/99	1999	3rd Quarter	210.0	0.90	1.02
A68	9/16/99	1999	3rd Quarter	91.0	3.09	1.52
A68	10/14/99	1999	4th Quarter	58.0	1.86	0.58
A68	11/3/99	1999	4th Quarter	21.0	1.60	0.18
A68	11/17/99	1999	4th Quarter	18.0	3.84	0.37
A68	1/5/00	2000	1st Quarter	29.0	1.40	0.22
A68	2/28/00	2000	1st Quarter	17.0	2.11	0.19

A68	3/1/00	2000	1st Quarter	17.0	1.50	0.14
A68	3/15/00	2000	1st Quarter	20.0	2.33	0.25
A68	5/3/00	2000	2nd Quarter	328.0	1.10	1.95
A68	7/5/00	2000	3rd Quarter	92.0	1.00	0.50
A68	9/6/00	2000	3rd Quarter	106.0	1.70	0.97
A68	11/1/00	2000	4th Quarter	57.0	1.50	0.46
A68	1/3/01	2001	1st Quarter	33.0	2.50	0.44
A68	3/14/01	2001	1st Quarter	19.0	2.20	0.23
A68	5/2/01	2001	2nd Quarter	301.0	2.40	3.90
A68	7/6/01	2001	3rd Quarter	266.0	0.90	1.29
A68	1/2/02	2002	1st Quarter	21.0	2.70	0.31
A68	3/6/02	2002	1st Quarter	16.0	2.60	0.22
A68	6/5/02	2002	2nd Quarter	200.0	0.40	0.43
A68	6/27/02	2002	2nd Quarter	51.0	1.07	0.29
A68	7/3/02	2002	3rd Quarter	35.0	1.30	0.25
A68	7/17/02	2002	3rd Quarter	20.0	1.58	0.17
A68	8/14/02	2002	3rd Quarter	28.0	1.84	0.28
A68	9/4/02	2002	3rd Quarter	25.0	2.00	0.27
A68	9/18/02	2002	3rd Quarter	60.0	1.79	0.58
A68	10/25/02	2002	4th Quarter	42.0	2.10	0.48
A68	11/6/02	2002	4th Quarter	31.0	2.00	0.33
A68	11/12/02	2002	4th Quarter	33.0	2.09	0.37
A68	12/8/02	2002	4th Quarter	26.0	2.86	0.40
A68	1/8/03	2003	1st Quarter	19.0	3.44	0.35
A68	1/9/03	2003	1st Quarter	19.0	3.00	0.31
A68	2/1/03	2003	1st Quarter	18.0	2.83	0.27
A68	3/9/03	2003	1st Quarter	20.0	2.63	0.28
A68	4/24/03	2003	2nd Quarter	55.0	2.62	0.78
A68	5/7/03	2003	2nd Quarter	90.0	1.80	0.87
A68	5/7/03	2003	2nd Quarter	94.9	1.98	1.01
A68	6/2/03	2003	2nd Quarter	743	1.87	7.49
A68	7/2/03	2003	3rd Quarter	163.0	1.33	1.17
A68	7/2/03	2003	3rd Quarter	206.5	1.89	2.11
A68	8/14/03	2003	3rd Quarter	129.0	1.80	1.25
A68	9/11/03	2003	3rd Quarter	132.0	2.46	1.75
A68	9/11/03	2003	3rd Quarter	135.0	2.50	1.82
A68	10/4/03	2003	4th Quarter	62.0	1.77	0.59
A68	11/6/03	2003	4th Quarter	24.0	2.30	0.30
A68	12/29/03	2003	4th Quarter	16.0	2.48	0.21
A68	3/3/04	2004	1st Quarter	54.0	2.40	0.70
A68	3/3/04	2004	1st Quarter	54.0	2.45	0.71
A68	4/16/04	2004	2nd Quarter	69.0	5.69	2.12
A68	5/5/04	2004	2nd Quarter	210.0	2.00	2.27
A68	5/5/04	2004	2nd Quarter	210.0	2.87	3.25
A68	5/28/04	2004	2nd Quarter	591.0	1.60	5.10

A68	6/17/04	2004	2nd Quarter	429.0	1.56	3.61
A68	7/7/04	2004	3rd Quarter	169.3	1.00	0.91
A68	7/7/04	2004	3rd Quarter	174	1.69	1.59
A68	8/19/04	2004	3rd Quarter	43.0	3.05	0.71
A68	9/1/04	2004	3rd Quarter	31.0	2.00	0.33
A68	9/15/04	2004	3rd Quarter	46	2.93	0.73
A68	10/14/04	2004	4th Quarter	61.0	1.69	0.56
A68	11/10/04	2004	4th Quarter	42.4	0.60	0.14
A68	5/4/05	2005	2nd Quarter	85.0	3.1	1.42
A68	5/4/05	2005	2nd Quarter	86.0	3.49	1.62
A68	6/9/05	2005	2nd Quarter	498	1.32	3.55
A68	7/6/05	2005	3rd Quarter	365.0	1	1.97
A68	7/6/05	2005	3rd Quarter	365	1.08	2.13
A68	8/10/05	2005	3rd Quarter	109.0	1	0.59
A68	9/14/05	2005	3rd Quarter	45.0	1.5	0.36
A68	9/15/05	2005	3rd Quarter	41.0	1.4	0.31
A68	10/13/05	2005	4th Quarter	109	1.65	0.97
A68	11/2/05	2005	4th Quarter	64	1.66	0.57
A68	11/2/05	2005	4th Quarter	64.0	1.7	0.59
A68	12/20/05	2005	4th Quarter	31	2.05	0.34
A68	1/6/06	2006	1st Quarter	29.0	2.35	0.37
A68	1/6/06	2006	1st Quarter	29.0	2.7	0.42
A68	2/8/06	2006	1st Quarter	30.0	2.87	0.46
A68	3/15/06	2006	1st Quarter	44.0	2.7	0.64
A68	3/15/06	2006	1st Quarter	44.0	2.81	0.67
A68	4/5/06	2006	2nd Quarter	43.0	4.11	0.95
A68	5/10/06	2006	2nd Quarter	170.0	1.5	1.38
A68	5/10/06	2006	2nd Quarter	170.0	1.53	1.40
A68	5/16/06	2006	2nd Quarter	464.0	0.8	2.00
A68	6/6/06	2006	2nd Quarter	624.0	1.13	3.80
A68	7/12/06	2006	3rd Quarter	171.0	1.06	0.98
A68	7/12/06	2006	3rd Quarter	171.0	1.2	1.11
A68	8/2/06	2006	3rd Quarter	137.0	1.18	0.87
A68	9/6/06	2006	3rd Quarter	73.0	1.7	0.67
A68	9/6/06	2006	3rd Quarter	73.0	1.84	0.72
A68	10/11/06	2006	4th Quarter	267.0	1.47	2.12
A68	11/1/06	2006	4th Quarter	90.0	1.7	0.83
A68	11/1/06	2006	4th Quarter	90.0	1.86	0.90
A68	12/5/06	2006	4th Quarter	43.0	2	0.46
A68	1/11/07	2007	1st Quarter	26.0	2.18	0.31
A68	2/6/07	2007	1st Quarter	22.0	1.96	0.23
A68	3/7/07	2007	1st Quarter	22.0	2.08	0.25
A68	3/7/07	2007	1st Quarter	22.0	2.2	0.26
A68	4/2/07	2007	2nd Quarter	59.0	2.45	0.78
A68	5/11/07	2007	2nd Quarter	339	0.98	1.79

A68	5/11/07	2007	2nd Quarter	339.0	1.4	2.56
A68	6/5/07	2007	2nd Quarter	744	1.08	4.33
A68	6/14/07	2007	2nd Quarter	489.0	1	2.64
A68	6/14/07	2007	2nd Quarter	489.0	1	2.64
A68	7/11/07	2007	3rd Quarter	177.0	1	0.95
A68	7/11/07	2007	3rd Quarter	177	1.12	1.07
A68	8/6/07	2007	3rd Quarter	305	1.33	2.19
A68	9/5/07	2007	3rd Quarter	64	1.78	0.61
A68	10/25/07	2007	4th Quarter	90	1.37	0.67
A68	11/7/07	2007	4th Quarter	54.0	1.6	0.47
A68	12/5/07	2007	4th Quarter	25	1.97	0.27
A68	1/2/08	2008	1st Quarter	33.0	2.10	0.37
A68	1/2/08	2008	1st Quarter	33	4.89	0.87
A68	3/12/08	2008	1st Quarter	80.0	4.50	1.94
A68	4/10/08	2008	2nd Quarter	32	7.23	1.25
A68	5/7/08	2008	2nd Quarter	164.0	1.80	1.59
A68	5/7/08	2008	2nd Quarter	164	1.82	1.61
A68	6/3/08	2008	2nd Quarter	760	1.2	4.92
A68	7/9/08	2008	3rd Quarter	398	0.92	1.97
A68	7/9/08	2008	3rd Quarter	393.0	1.20	2.54
A68	8/5/08	2008	3rd Quarter	136	0.98	0.72
A68	9/3/08	2008	3rd Quarter	69	1.27	0.47
A68	9/3/08	2008	3rd Quarter	69.0	1.4	0.52
A68	10/6/08	2008	4th Quarter	40	1.53	0.33
A68	11/7/08	2008	4th Quarter	27	2.04	0.30
A68	11/7/08	2008	4th Quarter	27.0	2.40	0.35
A68	12/3/08	2008	4th Quarter	20	1.69	0.18
A68	3/4/09	2009	1st Quarter	33	2.65	0.47
A68	3/4/09	2009	1st Quarter	33	2.8	0.50
A68	4/6/09	2009	2nd Quarter	44	2.11	0.50
A68	5/13/09	2009	2nd Quarter	562	1.42	4.30
A68	5/13/09	2009	2nd Quarter	562	2.1	6.37
A68	5/19/09	2009	2nd Quarter	508	1.5	4.11
A68	6/2/09	2009	2nd Quarter	369	0.93	1.85
A68	6/16/09	2009	2nd Quarter	272	0.9	1.32
A68	7/8/09	2009	3rd Quarter	206	0.55	0.61
A68	7/8/09	2009	3rd Quarter	318	0.9	1.54
A68	7/14/09	2009	3rd Quarter	145.00	0.8	0.63
A68	8/12/09	2009	3rd Quarter	318	0.82	1.41
A68	8/18/09	2009	3rd Quarter	43	1	0.23
A68	9/16/09	2009	3rd Quarter	49	1.3	0.34
A68	9/16/09	2009	3rd Quarter	73	1.5	0.59
A68	9/22/09	2009	3rd Quarter	42	1.3	0.29
A68	10/5/09	2009	4th Quarter	35	1.37	0.26
A68	11/4/09	2009	4th Quarter	25.7	1.60	0.22



A68	11/5/09	2009	4th Quarter	27	0.33	0.05
A68	11/17/09	2009	4th Quarter	28.3	1.6	0.24
A68	12/1/09	2009	4th Quarter	22	1.42	0.17
A68	2/17/10	2010	1st Quarter	29.0	2	0.31
A68	3/2/10	2010	1st Quarter	28	1.58	0.24
A68	3/17/10	2010	1st Quarter	18.9	1.7	0.17
A68	4/16/10	2010	2nd Quarter	92	3.21	1.59
A68	5/5/10	2010	2nd Quarter	131.1	1.33	0.94
A68	5/5/10	2010	2nd Quarter	131.1	1.40	0.99
A68	6/2/10	2010	2nd Quarter	517	1.1	3.07
A68	6/2/10	2010	2nd Quarter	624	0.95	3.20
A68	7/8/10	2010	3rd Quarter	125	0.80	0.54
A68	7/8/10	2010	3rd Quarter	125	0.82	0.55
A68	7/13/10	2010	3rd Quarter	81.0	0.8	0.35
A68	8/10/10	2010	3rd Quarter	92	1.19	0.59
A68	9/9/10	2010	3rd Quarter	57	0.98	0.30
A68	9/9/10	2010	3rd Quarter	73	1.20	0.47
A68	9/14/10	2010	3rd Quarter	44.0	1.3	0.31
A68	10/4/10	2010	4th Quarter	39	0.95	0.20
A68	11/2/10	2010	4th Quarter	36.0	1.3	0.25
A68	11/3/10	2010	4th Quarter	58	0.95	0.30
A68	11/3/10	2010	4th Quarter	58	1.20	0.38
A68	12/7/10	2010	4th Quarter	27	1.33	0.19
A68	1/5/11	2011	1st Quarter	26	1.79	0.25
A68	1/5/11	2011	1st Quarter	26	2.20	0.31
A68	2/11/11	2011	1st Quarter	22	2.09	0.25
A68	3/9/11	2011	1st Quarter	14	2.27	0.17
A68	3/9/11	2011	1st Quarter	42	2.6	0.59
A68	3/15/11	2011	1st Quarter	23.0	2.6	0.32
A68	4/6/11	2011	2nd Quarter	45	3.62	0.88
A68	5/4/11	2011	2nd Quarter	35	3	0.57
A68	5/8/11	2011	2nd Quarter	133	1.71	1.23
A68	6/3/11	2011	2nd Quarter	457	0.95	2.34
A68	6/14/11	2011	2nd Quarter	666	1.1	3.95
A68	7/5/11	2011	3rd Quarter	445	0.75	1.80
A68	7/19/11	2011	3rd Quarter	339	0.8	1.46
A68	8/1/11	2011	3rd Quarter	172	0.7	0.65
A68	8/16/11	2011	3rd Quarter	67.0	1	0.36
A68	9/7/11	2011	3rd Quarter	49	0.82	0.22
A68	9/7/11	2011	3rd Quarter	51	1.1	0.30
A68	9/13/11	2011	3rd Quarter	40.0	1.1	0.24
A68	10/7/11	2011	4th Quarter	45	1.29	0.31
A68	10/18/11	2011	4th Quarter	46.0	1.2	0.30
A68	11/2/11	2011	4th Quarter	96	1.2	0.62
A68	5/15/12	2012	2nd Quarter	268.0	0.92	1.33

A68	10/1/12	2012	4th Quarter	28.0	1.3	0.19
A68	5/14/13	2013	2nd Quarter	387.0	1.0	2.02





Location	Date	Year	Quarter	Flow (cfs)	Copper Total (ug/L)	Copper Load (lbs/day)
A68	9/5/91	1991	3rd Quarter	61.2	8.00	2.64
A68	9/6/91	1991	3rd Quarter	84.5	10.00	4.56
A68	9/7/91	1991	3rd Quarter	101.6	18.00	9.87
A68	9/9/91	1991	3rd Quarter	116.5	6.00	3.77
A68	9/10/91	1991	3rd Quarter	126.9	10.00	6.84
A68	12/8/91	1991	4th Quarter	25.0	4.80	0.65
A68	1/15/92	1992	1st Quarter	17.8	3.20	0.31
A68	2/13/92	1992	1st Quarter	16.0	2.60	0.22
A68	3/5/92	1992	1st Quarter	18.0	4.10	0.40
A68	3/16/92	1992	1st Quarter	21.0	8.90	1.01
A68	4/13/92	1992	2nd Quarter	86.0	18.00	8.35
A68	4/20/92	1992	2nd Quarter	59.0	13.20	4.20
A68	4/30/92	1992	2nd Quarter	328.0	23.90	42.28
A68	5/5/92	1992	2nd Quarter	257.0	27.30	37.84
A68	5/11/92	1992	2nd Quarter	176.0	30.20	28.67
A68	5/18/92	1992	2nd Quarter	334.0	20.30	36.57
A68	5/26/92	1992	2nd Quarter	430.0	15.10	35.02
A68	6/1/92	1992	2nd Quarter	290.0	16.60	25.97
A68	6/8/92	1992	2nd Quarter	341.0	13.90	25.57
A68	6/15/92	1992	2nd Quarter	442.0	10.70	25.51
A68	6/22/92	1992	2nd Quarter	512.0	8.60	23.75
A68	6/23/92	1992	2nd Quarter	486.0	4.00	10.49
A68	6/24/92	1992	2nd Quarter	463.0	16.00	39.96
A68	6/25/92	1992	2nd Quarter	421.0	21.00	47.69
A68	7/14/92	1992	3rd Quarter	173.0	7.40	6.91
A68	7/21/92	1992	3rd Quarter	117.0	8.30	5.24
A68	7/27/92	1992	3rd Quarter	191.0	14.00	14.42
A68	8/10/92	1992	3rd Quarter	91.0	11.10	5.45
A68	8/24/92	1992	3rd Quarter	116.0	41.40	25.90
A68	9/15/92	1992	3rd Quarter	59	11.9	3.79
A68	9/16/92	1992	3rd Quarter	60.0	11.40	3.69
A68	10/14/92	1992	4th Quarter	26.8	5.00	0.72
A68	10/14/92	1992	4th Quarter	30.0	4.50	0.73
A68	11/18/92	1992	4th Quarter	29.0	4.00	0.63
A68	12/16/92	1992	4th Quarter	18.0	4.00	0.39
A68	1/13/93	1993	1st Quarter	16.0	7.30	0.63
A68	2/17/93	1993	1st Quarter	16.0	4.30	0.37

A68	3/10/93	1993	1st Quarter	22.0	3.80	0.45
A68	3/31/93	1993	1st Quarter	24.0	22.50	2.91
A68	4/14/93	1993	2nd Quarter	27.0	76.80	11.18
A68	4/21/93	1993	2nd Quarter	40.0	75.60	16.31
A68	4/29/93	1993	2nd Quarter	99.0	37.20	19.86
A68	5/4/93	1993	2nd Quarter	132.0	43.80	31.18
A68	5/12/93	1993	2nd Quarter	190.0	47.40	48.58
A68	5/26/93	1993	2nd Quarter	741.0	51.90	207.43
A68	6/2/93	1993	2nd Quarter	718.0	28.70	111.15
A68	6/9/93	1993	2nd Quarter	299.0	19.60	31.61
A68	6/16/93	1993	2nd Quarter	907.0	69.60	340.49
A68	6/23/93	1993	2nd Quarter	769.0	19.60	81.30
A68	7/14/93	1993	3rd Quarter	360.0	5.50	10.68
A68	7/20/93	1993	3rd Quarter	206.0	5.00	5.56
A68	7/21/93	1993	3rd Quarter	221.0	6.50	7.75
A68	7/21/93	1993	3rd Quarter	206.0	8.00	8.89
A68	7/28/93	1993	3rd Quarter	170.0	3.50	3.21
A68	8/11/93	1993	3rd Quarter	122.0	6.00	3.95
A68	8/25/93	1993	3rd Quarter	83.0	3.80	1.70
A68	9/15/93	1993	3rd Quarter	88.0	6.40	3.04
A68	10/13/93	1993	4th Quarter	52.0	4.90	1.37
A68	11/17/93	1993	4th Quarter	33.0	4.50	0.80
A68	12/15/93	1993	4th Quarter	24.0	4.30	0.56
A68	1/12/94	1994	1st Quarter	53.0	3.50	1.00
A68	10/13/94	1994	4th Quarter	74.0	8.60	3.43
A68	11/9/94	1994	4th Quarter	49.0	4.50	1.19
A68	11/9/94	1994	4th Quarter	49.0	28.00	7.40
A68	12/13/94	1994	4th Quarter	41.0	6.20	1.37
A68	1/18/95	1995	1st Quarter	32.0	6.20	1.07
A68	2/15/95	1995	1st Quarter	34.0	6.80	1.25
A68	3/1/95	1995	1st Quarter	41.0	13.00	2.87
A68	3/15/95	1995	1st Quarter	44	16.3	3.87
A68	4/12/95	1995	2nd Quarter	49.0	20.00	5.29
A68	4/19/95	1995	2nd Quarter	50	17.1	4.61
A68	5/3/95	1995	2nd Quarter	58.0	18.30	5.72
A68	5/10/95	1995	2nd Quarter	60	26.3	8.51
A68	5/22/95	1995	2nd Quarter	393	47	99.63
A68	5/31/95	1995	2nd Quarter	154.0	30.50	25.33
A68	6/7/95	1995	2nd Quarter	560.0	21.90	66.15
A68	6/14/95	1995	2nd Quarter	1090.0	60.50	355.69
A68	6/21/95	1995	2nd Quarter	2120.0	27.40	313.31
A68	6/21/95	1995	2nd Quarter	2120.0	63.00	720.39
A68	6/28/95	1995	2nd Quarter	803.0	19.20	83.16
A68	7/5/95	1995	3rd Quarter	388.0	8.20	51.75
A68	7/12/95	1995	3rd Quarter	1170.0	40	252.43

A68	7/19/95	1995	3rd Quarter	865.0	7.90	36.86
A68	8/2/95	1995	3rd Quarter	399.0	4.90	10.55
A68	8/16/95	1995	3rd Quarter	194.0	6.60	3.92
A68	9/6/95	1995	3rd Quarter	110.0	11.00	6.53
A68	9/13/95	1995	3rd Quarter	91.0	6.6	3.24
A68	10/11/95	1995	4th Quarter	57.0	5.80	1.78
A68	11/15/95	1995	4th Quarter	35	7.1	1.34
A68	11/29/95	1995	4th Quarter	32.0	16.00	2.76
A68	12/13/95	1995	4th Quarter	31	3.8	0.64
A68	2/14/96	1996	1st Quarter	32.0	4.90	0.85
A68	3/13/96	1996	1st Quarter	33.0	10.30	1.83
A68	3/20/96	1996	1st Quarter	27.0	12.10	1.76
A68	4/9/96	1996	2nd Quarter	60.3	21.00	6.83
A68	4/10/96	1996	2nd Quarter	75.0	19.60	7.93
A68	5/1/96	1996	2nd Quarter	139.0	18.00	13.50
A68	5/8/96	1996	2nd Quarter	354.0	30.80	58.81
A68	5/15/96	1996	2nd Quarter	752.0	21.20	85.99
A68	5/29/96	1996	2nd Quarter	169.0	6.20	5.65
A68	6/5/96	1996	2nd Quarter	596.0	8.80	28.29
A68	6/12/96	1996	2nd Quarter	404.0	6.20	13.51
A68	6/19/96	1996	2nd Quarter	373.0	6.10	12.27
A68	6/26/96	1996	2nd Quarter	253.0	6.60	9.01
A68	7/10/96	1996	3rd Quarter	161.0	5.40	4.69
A68	7/16/96	1996	3rd Quarter	110.0	6.00	3.56
A68	7/17/96	1996	3rd Quarter	108.0	4.40	2.56
A68	8/7/96	1996	3rd Quarter	51.0	3.90	1.07
A68	8/21/96	1996	3rd Quarter	34.0	3.40	0.62
A68	9/18/96	1996	3rd Quarter	68.0	8.90	3.26
A68	10/16/96	1996	4th Quarter	95.0	7.20	3.69
A68	10/23/96	1996	4th Quarter	59.0	4.60	1.46
A68	11/13/96	1996	4th Quarter	47.0	7.40	1.88
A68	11/19/96	1996	4th Quarter	42.9	5.51	1.28
A68	1/7/97	1997	1st Quarter	32.0	14.00	2.42
A68	1/8/97	1997	1st Quarter	47.4	8.12	2.08
A68	1/30/97	1997	1st Quarter	8.5	9.03	0.41
A68	2/25/97	1997	1st Quarter	18.1	15.86	1.55
A68	3/12/97	1997	1st Quarter	33.0	16.10	2.87
A68	3/19/97	1997	1st Quarter	40.0	62.60	13.51
A68	3/25/97	1997	1st Quarter	45.1	26.40	6.42
A68	4/2/97	1997	2nd Quarter	52.0	37.00	10.38
A68	4/16/97	1997	2nd Quarter	45.0	21.00	5.10
A68	4/16/97	1997	2nd Quarter	45.0	79.00	19.17
A68	4/29/97	1997	2nd Quarter	95.5	24.72	12.73
A68	4/30/97	1997	2nd Quarter	87.0	34.50	16.19
A68	5/14/97	1997	2nd Quarter	433.0	41.66	97.30

A68	5/21/97	1997	2nd Quarter	514.0	15.32	42.46
A68	5/21/97	1997	2nd Quarter	517.0	21.00	58.56
A68	5/28/97	1997	2nd Quarter	239.0	14.10	18.18
A68	5/29/97	1997	2nd Quarter	238.0	12.23	15.69
A68	6/4/97	1997	2nd Quarter	1180.0	29.40	187.12
A68	6/5/97	1997	2nd Quarter	883.0	16.81	80.08
A68	6/11/97	1997	2nd Quarter	451.0	6.73	16.38
A68	6/11/97	1997	2nd Quarter	499.0	9.90	26.65
A68	6/16/97	1997	2nd Quarter	580.0	7.18	22.46
A68	6/18/97	1997	2nd Quarter	988.0	20.10	107.11
A68	6/25/97	1997	2nd Quarter	701.0	9.10	34.41
A68	6/26/97	1997	2nd Quarter	606.0	5.87	19.18
A68	7/1/97	1997	3rd Quarter	585.0	7.71	24.34
A68	7/9/97	1997	3rd Quarter	549.0	6.00	17.77
A68	7/15/97	1997	3rd Quarter	355.0	4.00	7.66
A68	7/16/97	1997	3rd Quarter	637.0	7.50	25.77
A68	7/30/97	1997	3rd Quarter	324.0	4.10	7.16
A68	8/12/97	1997	3rd Quarter	232.0	4.15	5.19
A68	8/13/97	1997	3rd Quarter	207.0	6.60	7.37
A68	9/11/97	1997	3rd Quarter	60.0	4.30	1.39
A68	9/17/97	1997	3rd Quarter	104.0	7.00	3.93
A68	9/25/97	1997	3rd Quarter	202.0	6.14	6.69
A68	10/15/97	1997	4th Quarter	160.0	9.80	8.46
A68	10/22/97	1997	4th Quarter	115.0	41.03	25.45
A68	11/12/97	1997	4th Quarter	73.0	6.00	2.36
A68	11/12/97	1997	4th Quarter	73.0	7.40	2.91
A68	11/25/97	1997	4th Quarter	44.2	22.57	5.38
A68	12/17/97	1997	4th Quarter	38.0	8.40	1.72
A68	12/23/97	1997	4th Quarter	39.0	4.00	0.84
A68	2/12/98	1998	1st Quarter	25.0	6.54	0.88
A68	3/4/98	1998	1st Quarter	32.0	4.20	0.72
A68	3/5/98	1998	1st Quarter	26.0	6.00	0.84
A68	3/16/98	1998	1st Quarter	25.1	7.38	1.00
A68	3/18/98	1998	1st Quarter	25.0	9.10	1.23
A68	4/1/98	1998	2nd Quarter	40.0	12.60	2.72
A68	4/15/98	1998	2nd Quarter	34.0	22.60	4.14
A68	4/23/98	1998	2nd Quarter	52.0	20.35	5.71
A68	4/29/98	1998	2nd Quarter	72.0	18.40	7.15
A68	5/5/98	1998	2nd Quarter	184.0	22.00	21.83
A68	5/6/98	1998	2nd Quarter	168.0	17.72	16.06
A68	5/7/98	1998	2nd Quarter	139.0	19.00	14.24
A68	5/13/98	1998	2nd Quarter	172.0	24.40	22.64
A68	5/20/98	1998	2nd Quarter	274.0	24.50	36.21
A68	5/27/98	1998	2nd Quarter	402.0	15.60	33.83
A68	5/29/98	1998	2nd Quarter	449.0	21.16	51.24



A68	6/2/98	1998	2nd Quarter	621.0	22.32	74.76
A68	6/3/98	1998	2nd Quarter	640.0	15.20	52.47
A68	6/9/98	1998	2nd Quarter	193.0	6.60	6.87
A68	6/10/98	1998	2nd Quarter	291	15.2	23.86
A68	6/17/98	1998	2nd Quarter	370.0	5.40	10.78
A68	6/17/98	1998	2nd Quarter	370	7.7	15.37
A68	6/24/98	1998	2nd Quarter	485.0	5.68	14.85
A68	6/24/98	1998	2nd Quarter	533.0	8.90	25.59
A68	7/1/98	1998	3rd Quarter	508.0	7.00	19.18
A68	7/9/98	1998	3rd Quarter	325.0	6.47	11.35
A68	7/15/98	1998	3rd Quarter	225.0	5.50	6.67
A68	7/22/98	1998	3rd Quarter	156.0	4.90	4.12
A68	7/22/98	1998	3rd Quarter	141.0	5.64	4.29
A68	8/26/98	1998	3rd Quarter	72.0	5.30	2.06
A68	9/2/98	1998	3rd Quarter	83.0	7.00	3.13
A68	9/2/98	1998	3rd Quarter	83.0	7.00	3.13
A68	9/9/98	1998	3rd Quarter	57.0	15.00	4.61
A68	9/16/98	1998	3rd Quarter	64.0	5.70	1.97
A68	9/30/98	1998	3rd Quarter	34.0	4.85	0.89
A68	11/3/98	1998	4th Quarter	59.0	12.00	3.82
A68	11/18/98	1998	4th Quarter	51.0	10.40	2.86
A68	1/6/99	1999	1st Quarter	26.0	8.00	1.12
A68	1/6/99	1999	1st Quarter	26.0	8.00	1.12
A68	2/24/99	1999	1st Quarter	22.0	8.20	0.97
A68	3/3/99	1999	1st Quarter	23.0	25.00	3.10
A68	3/17/99	1999	1st Quarter	21.0	10.70	1.21
A68	4/1/99	1999	2nd Quarter	50.0	10.40	2.80
A68	4/26/99	1999	2nd Quarter	63.0	12.00	4.08
A68	5/6/99	1999	2nd Quarter	40.0	31.00	6.69
A68	6/23/99	1999	2nd Quarter	725.0	11.50	44.97
A68	6/23/99	1999	2nd Quarter	725.0	11.50	44.97
A68	8/4/99	1999	3rd Quarter	253.0	6.00	8.19
A68	8/4/99	1999	3rd Quarter	253.0	6.00	8.19
A68	9/1/99	1999	3rd Quarter	210.0	7.00	7.93
A68	9/16/99	1999	3rd Quarter	91.0	18.50	9.08
A68	10/14/99	1999	4th Quarter	58.0	23.80	7.45
A68	11/3/99	1999	4th Quarter	21.0	6.00	0.68
A68	11/17/99	1999	4th Quarter	18.0	16.40	1.59
A68	1/5/00	2000	1st Quarter	29.0	5.00	0.78
A68	2/28/00	2000	1st Quarter	17.0	8.50	0.78
A68	3/1/00	2000	1st Quarter	17.0	6.00	0.55
A68	3/15/00	2000	1st Quarter	20.0	8.70	0.94
A68	5/3/00	2000	2nd Quarter	328.0	33.00	58.38
A68	7/5/00	2000	3rd Quarter	92.0	12.00	5.95
A68	9/6/00	2000	3rd Quarter	106.0	11.00	6.29

A68	11/1/00	2000	4th Quarter	57.0	11.00	3.38
A68	1/3/01	2001	1st Quarter	33.0	8.00	1.42
A68	3/14/01	2001	1st Quarter	19.0	9.00	0.92
A68	5/2/01	2001	2nd Quarter	301.0	37.00	60.07
A68	7/6/01	2001	3rd Quarter	266.0	5.00	7.17
A68	1/2/02	2002	1st Quarter	21.0	7.90	0.89
A68	3/6/02	2002	1st Quarter	16.0	17.00	1.47
A68	6/5/02	2002	2nd Quarter	200.0	3.30	3.56
A68	6/27/02	2002	2nd Quarter	51.0	4.30	1.18
A68	5/7/03	2003	2nd Quarter	94.9	17.00	8.70
A68	7/2/03	2003	3rd Quarter	206.5	4.70	5.23
A68	9/11/03	2003	3rd Quarter	132.0	15.90	11.32
A68	3/3/04	2004	1st Quarter	54.0	7.00	2.04
A68	3/3/04	2004	1st Quarter	54.0	7.70	2.24
A68	5/5/04	2004	2nd Quarter	210.0	39.00	44.17
A68	5/5/04	2004	2nd Quarter	210.0	41.00	46.44
A68	7/7/04	2004	3rd Quarter	169.3	6.00	5.48
A68	9/1/04	2004	3rd Quarter	31.0	5.00	0.84
A68	11/10/04	2004	4th Quarter	42.4	8.00	1.83
A68	5/4/05	2005	2nd Quarter	86.0	17.80	8.26
A68	5/4/05	2005	2nd Quarter	85.0	20	9.17
A68	7/6/05	2005	3rd Quarter	365.0	6	11.81
A68	9/15/05	2005	3rd Quarter	41.0	5	1.11
A68	10/13/05	2005	4th Quarter	109	9.9	5.82
A68	11/2/05	2005	4th Quarter	64	7.8	2.69
A68	11/2/05	2005	4th Quarter	64.0	8	2.76
A68	1/6/06	2006	1st Quarter	29.0	5	0.78
A68	2/8/06	2006	1st Quarter	30.0	6.1	0.99
A68	3/15/06	2006	1st Quarter	44.0	7	1.66
A68	5/10/06	2006	2nd Quarter	170.0	14	12.84
A68	7/12/06	2006	3rd Quarter	171.0	6	5.53
A68	9/6/06	2006	3rd Quarter	73.0	8	3.15
A68	11/1/06	2006	4th Quarter	90.0	10	4.85
A68	3/7/07	2007	1st Quarter	22.0	6	0.71
A68	5/11/07	2007	2nd Quarter	339.0	20	36.57
A68	6/14/07	2007	2nd Quarter	489.0	10	26.38
A68	6/14/07	2007	2nd Quarter	489.0	10	26.38
A68	7/11/07	2007	3rd Quarter	177.0	5	4.77
A68	9/5/07	2007	3rd Quarter	64.0	10	3.45
A68	3/12/08	2008	1st Quarter	80.0	19.00	8.20
A68	7/9/08	2008	3rd Quarter	393.0	12.00	25.44
A68	9/3/08	2008	3rd Quarter	69.0	5	1.86
A68	9/3/08	2008	3rd Quarter	69	5.4	2.01
A68	5/13/09	2009	2nd Quarter	562	32.3	97.91
A68	5/13/09	2009	2nd Quarter	562	45	136.41

A68	5/19/09	2009	2nd Quarter	508	21.2	58.09
A68	6/16/09	2009	2nd Quarter	272	5.8	8.51
A68	7/8/09	2009	3rd Quarter	318	4	6.86
A68	8/12/09	2009	3rd Quarter	318	3.8	6.52
A68	8/18/09	2009	3rd Quarter	43	3.9	0.90
A68	9/16/09	2009	3rd Quarter	73	7	2.76
A68	9/22/09	2009	3rd Quarter	42	4.0	0.91
A68	11/4/09	2009	4th Quarter	25.7	4.00	0.55
A68	11/17/09	2009	4th Quarter	28.3	5.1	0.78
A68	3/17/10	2010	1st Quarter	18.9	7.7	0.79
A68	5/5/10	2010	2nd Quarter	131.1	10.00	7.07
A68	5/5/10	2010	2nd Quarter	131.1	10.1	7.14
A68	6/2/10	2010	2nd Quarter	517	10	27.89
A68	7/8/10	2010	3rd Quarter	125	3.00	2.02
A68	7/8/10	2010	3rd Quarter	125	3.6	2.43
A68	7/13/10	2010	3rd Quarter	81.0	10	4.37
A68	9/9/10	2010	3rd Quarter	73	6	2.36
A68	9/14/10	2010	3rd Quarter	44.0	10	2.37
A68	11/2/10	2010	4th Quarter	36.0	10	1.94
A68	11/3/10	2010	4th Quarter	58	4.3	1.35
A68	11/3/10	2010	4th Quarter	58	5.0	1.56
A68	3/9/11	2011	1st Quarter	42	13	2.94
A68	3/15/11	2011	1st Quarter	23.0	14.7	1.82
A68	5/4/11	2011	2nd Quarter	35	18	3.40
A68	6/14/11	2011	2nd Quarter	666	10.9	39.16
A68	7/19/11	2011	3rd Quarter	339	20	36.57
A68	8/16/11	2011	3rd Quarter	67.0	20	7.23
A68	9/7/11	2011	3rd Quarter	51	6	1.65
A68	9/13/11	2011	3rd Quarter	40.0	20	4.32
A68	10/18/11	2011	4th Quarter	46.0	20	4.96
A68	11/2/11	2011	4th Quarter	96	5	2.59
A68	5/15/12	2012	2nd Quarter	268.0	5.86	8.47
A68	10/1/12	2012	4th Quarter	28.0	4.5	0.67
A68	5/14/13	2013	2nd Quarter	387.0	10.3	21.50













Location	Date	Year	Quarter	Flow (cfs)	Zinc Total (ug/L)	Zinc Load (lbs/day)
A68	9/5/91	1991	3rd Quarter	61.2	310.0	102.28
A68	9/6/91	1991	3rd Quarter	84.5	410.0	186.87
A68	9/7/91	1991	3rd Quarter	101.6	540.0	296.01
A68	9/9/91	1991	3rd Quarter	116.5	290.0	182.23
A68	9/10/91	1991	3rd Quarter	126.9	400.0	273.72
A68	12/8/91	1991	4th Quarter	25.0	513.0	69.18
A68	1/15/92	1992	1st Quarter	17.8	510.0	48.96
A68	2/13/92	1992	1st Quarter	16.0	471.0	40.65
A68	3/5/92	1992	1st Quarter	18.0	478.0	46.41
A68	3/16/92	1992	1st Quarter	21.0	489.0	55.39
A68	4/13/92	1992	2nd Quarter	86.0	599.0	277.85
A68	4/20/92	1992	2nd Quarter	59.0	567.0	180.44
A68	4/30/92	1992	2nd Quarter	328.0	482.0	852.73
A68	5/5/92	1992	2nd Quarter	257.0	489.0	677.85
A68	5/11/92	1992	2nd Quarter	176.0	513.0	486.99
A68	5/18/92	1992	2nd Quarter	334.0	381.0	686.38
A68	5/26/92	1992	2nd Quarter	430.0	351.0	814.08
A68	6/1/92	1992	2nd Quarter	290.0	427.0	667.91
A68	6/8/92	1992	2nd Quarter	341.0	370.0	680.53
A68	6/15/92	1992	2nd Quarter	442.0	347.0	827.26
A68	6/22/92	1992	2nd Quarter	512.0	290.0	800.87
A68	6/23/92	1992	2nd Quarter	486.0	270.0	707.77
A68	6/24/92	1992	2nd Quarter	463.0	350.0	874.06
A68	6/25/92	1992	2nd Quarter	421.0	380.0	862.90
A68	7/14/92	1992	3rd Quarter	173.0	274.0	255.68
A68	7/21/92	1992	3rd Quarter	117.0	277.0	174.81
A68	7/27/92	1992	3rd Quarter	191.0	409.0	421.36
A68	8/10/92	1992	3rd Quarter	91.0	391.0	191.92
A68	8/24/92	1992	3rd Quarter	116.0	894.0	559.36
A68	9/15/92	1992	3rd Quarter	59.0	483.0	153.71
A68	9/16/92	1992	3rd Quarter	60.0	364.0	117.80
A68	10/14/92	1992	4th Quarter	26.8	338.0	48.86
A68	10/14/92	1992	4th Quarter	26.8	390.0	56.38
A68	10/15/92	1992	4th Quarter	29.2	420.0	66.15
A68	11/18/92	1992	4th Quarter	29.0	361.0	56.47
A68	12/16/92	1992	4th Quarter	18.0	519.0	50.39
A68	1/13/93	1993	1st Quarter	16.0	574.0	49.54

A68	2/17/93	1993	1st Quarter	16.0	511.0	44.10
A68	3/10/93	1993	1st Quarter	22.0	504.0	59.81
A68	3/31/93	1993	1st Quarter	24.0	2030.0	262.78
A68	4/14/93	1993	2nd Quarter	27.0	2390.0	348.06
A68	4/21/93	1993	2nd Quarter	40.0	2455.0	529.67
A68	4/29/93	1993	2nd Quarter	99.0	1663.0	888.01
A68	5/4/93	1993	2nd Quarter	132.0	1540.0	1096.45
A68	5/12/93	1993	2nd Quarter	190.0	1151.0	1179.56
A68	5/26/93	1993	2nd Quarter	741.0	522.0	2086.32
A68	6/2/93	1993	2nd Quarter	718.0	646.0	2501.78
A68	6/9/93	1993	2nd Quarter	299.0	767.0	1236.97
A68	6/16/93	1993	2nd Quarter	907.0	739.0	3615.30
A68	6/23/93	1993	2nd Quarter	769.0	489.0	2028.28
A68	7/14/93	1993	3rd Quarter	360.0	336.0	652.43
A68	7/20/93	1993	3rd Quarter	206.0	310.0	344.45
A68	7/21/93	1993	3rd Quarter	221.0	335.0	399.33
A68	7/21/93	1993	3rd Quarter	206.0	330.0	366.67
A68	7/28/93	1993	3rd Quarter	170.0	314.0	287.92
A68	8/11/93	1993	3rd Quarter	122.0	354.0	232.95
A68	8/25/93	1993	3rd Quarter	83.0	365.0	163.40
A68	9/15/93	1993	3rd Quarter	88.0	338.0	160.43
A68	10/13/93	1993	4th Quarter	52.0	396.0	111.07
A68	11/17/93	1993	4th Quarter	33.0	479.0	85.26
A68	12/15/93	1993	4th Quarter	24.0	586.0	75.86
A68	1/12/94	1994	1st Quarter	53.0	583.0	166.66
A68	10/13/94	1994	4th Quarter	74.0	426.0	170.03
A68	11/9/94	1994	4th Quarter	49.0	446.0	117.88
A68	11/9/94	1994	4th Quarter	49.0	445.0	117.61
A68	12/13/94	1994	4th Quarter	41.0	624.0	137.99
A68	1/18/95	1995	1st Quarter	32.0	707.0	122.03
A68	2/15/95	1995	1st Quarter	34.0	874.0	160.28
A68	3/1/95	1995	1st Quarter	41.0	1042.0	230.43
A68	3/15/95	1995	1st Quarter	44.0	1137.0	269.84
A68	4/6/95	1995	2nd Quarter	48.0	1100.0	284.79
A68	4/12/95	1995	2nd Quarter	49.0	1255.0	331.69
A68	4/12/95	1995	2nd Quarter	49.0	1035.0	273.55
A68	4/19/95	1995	2nd Quarter	50.0	1116.0	300.97
A68	5/3/95	1995	2nd Quarter	58.0	103.0	32.22
A68	5/10/95	1995	2nd Quarter	60.0	1303.0	421.68
A68	5/22/95	1995	2nd Quarter	393.0	908.0	1924.73
A68	5/31/95	1995	2nd Quarter	154.0	873.0	725.15
A68	6/7/95	1995	2nd Quarter	560.0	606.0	1830.43
A68	6/14/95	1995	2nd Quarter	1090.0	744.0	4374.13
A68	6/21/95	1995	2nd Quarter	2120.0	720.0	8233.05
A68	6/21/95	1995	2nd Quarter	2120.0	518.0	5923.22

A68	6/28/95	1995	2nd Quarter	803.0	415.0	1797.45
A68	7/5/95	1995	3rd Quarter	388.0	482.0	1008.72
A68	7/12/95	1995	3rd Quarter	1170.0	386.0	2435.93
A68	7/19/95	1995	3rd Quarter	865.0	352.0	1642.30
A68	8/2/95	1995	3rd Quarter	399.0	351.0	755.39
A68	8/16/95	1995	3rd Quarter	194.0	305.0	319.15
A68	9/6/95	1995	3rd Quarter	110.0	380.0	225.46
A68	9/13/95	1995	3rd Quarter	91.0	319.0	156.58
A68	10/11/95	1995	4th Quarter	57.0	378.0	116.21
A68	11/15/95	1995	4th Quarter	35.0	485.0	91.56
A68	11/29/95	1995	4th Quarter	32.0	325.0	56.10
A68	12/13/95	1995	4th Quarter	31.0	537.0	89.79
A68	2/14/96	1996	1st Quarter	32.0	578.0	99.76
A68	3/13/96	1996	1st Quarter	33.0	858.0	152.72
A68	3/20/96	1996	1st Quarter	27.0	890.0	129.61
A68	4/3/96	1996	2nd Quarter	41.0	1141.0	252.33
A68	4/9/96	1996	2nd Quarter	60.3	1100.0	357.77
A68	4/10/96	1996	2nd Quarter	75.0	895.0	362.06
A68	5/1/96	1996	2nd Quarter	139.0	591.0	443.09
A68	5/8/96	1996	2nd Quarter	354.0	499.0	952.79
A68	5/15/96	1996	2nd Quarter	752.0	395.0	1602.17
A68	5/21/96	1996	2nd Quarter	757.0	370.0	1510.74
A68	5/29/96	1996	2nd Quarter	169.0	494.0	450.30
A68	6/5/96	1996	2nd Quarter	596.0	301.0	967.62
A68	6/12/96	1996	2nd Quarter	404.0	298.0	649.37
A68	6/19/96	1996	2nd Quarter	373.0	267.0	537.17
A68	6/26/96	1996	2nd Quarter	253.0	281.0	383.46
A68	7/10/96	1996	3rd Quarter	161.0	287.0	249.23
A68	7/16/96	1996	3rd Quarter	110.0	310.0	183.93
A68	7/17/96	1996	3rd Quarter	108.0	293.0	170.68
A68	8/7/96	1996	3rd Quarter	51.0	399.0	109.76
A68	8/14/96	1996	3rd Quarter	39.0	450.0	94.66
A68	8/21/96	1996	3rd Quarter	34.0	449.0	82.34
A68	9/18/96	1996	3rd Quarter	68.0	427.0	156.61
A68	10/1/96	1996	4th Quarter	55.0	431.8	128.10
A68	10/1/96	1996	4th Quarter	55.0	431.8	128.10
A68	10/16/96	1996	4th Quarter	95.0	411.0	210.60
A68	11/13/96	1996	4th Quarter	47.0	463.0	117.37
A68	11/19/96	1996	4th Quarter	42.9	564.3	130.57
A68	1/7/97	1997	1st Quarter	32.0	980.0	169.15
A68	1/8/97	1997	1st Quarter	47.4	805.5	205.95
A68	1/30/97	1997	1st Quarter	8.5	1024.9	46.88
A68	2/25/97	1997	1st Quarter	18.1	938.7	91.65
A68	3/5/97	1997	1st Quarter	29.0	1200.0	187.70
A68	3/12/97	1997	1st Quarter	33.0	973.0	173.19

A68	3/19/97	1997	1st Quarter	40.0	1399.0	301.84
A68	3/25/97	1997	1st Quarter	45.1	1543.8	375.54
A68	4/2/97	1997	2nd Quarter	52.0	1210.0	339.38
A68	4/16/97	1997	2nd Quarter	45.0	1126.0	273.30
A68	4/16/97	1997	2nd Quarter	45.0	956.0	232.04
A68	4/29/97	1997	2nd Quarter	95.5	928.7	478.38
A68	4/30/97	1997	2nd Quarter	87.0	937.0	439.69
A68	5/7/97	1997	2nd Quarter	147.0	700.0	555.02
A68	5/14/97	1997	2nd Quarter	433.0	772.3	1803.75
A68	5/21/97	1997	2nd Quarter	514.0	478.0	1325.21
A68	5/21/97	1997	2nd Quarter	514.0	452.2	1253.75
A68	5/28/97	1997	2nd Quarter	239.0	527.0	679.36
A68	5/29/97	1997	2nd Quarter	238.0	482.4	619.32
A68	6/4/97	1997	2nd Quarter	1180.0	548.0	3487.83
A68	6/5/97	1997	2nd Quarter	883.0	373.7	1779.88
A68	6/11/97	1997	2nd Quarter	451.0	630.0	1532.53
A68	6/11/97	1997	2nd Quarter	451.0	390.6	950.09
A68	6/16/97	1997	2nd Quarter	580.0	370.3	1158.48
A68	6/18/97	1997	2nd Quarter	988.0	400.0	2131.62
A68	6/25/97	1997	2nd Quarter	701.0	353.0	1334.70
A68	6/26/97	1997	2nd Quarter	606.0	327.5	1070.46
A68	7/1/97	1997	3rd Quarter	585.0	271.7	857.19
A68	7/2/97	1997	3rd Quarter	582.0	171.0	536.80
A68	7/9/97	1997	3rd Quarter	549.0	340.0	1006.80
A68	7/15/97	1997	3rd Quarter	355.0	280.7	537.49
A68	7/16/97	1997	3rd Quarter	637.0	302.0	1037.62
A68	7/30/97	1997	3rd Quarter	324.0	255.2	446.02
A68	8/12/97	1997	3rd Quarter	232.0	354.7	443.86
A68	8/13/97	1997	3rd Quarter	207.0	324.0	361.75
A68	9/11/97	1997	3rd Quarter	60.0	420.0	135.92
A68	9/11/97	1997	3rd Quarter	60.0	419.0	135.60
A68	9/17/97	1997	3rd Quarter	104.0	324.0	181.75
A68	9/25/97	1997	3rd Quarter	202.0	343.8	374.62
A68	10/15/97	1997	4th Quarter	160.0	325.0	280.48
A68	10/22/97	1997	4th Quarter	115.0	460.6	285.69
A68	11/12/97	1997	4th Quarter	73.0	550.0	216.56
A68	11/12/97	1997	4th Quarter	73.0	500.0	196.87
A68	11/25/97	1997	4th Quarter	44.2	528.5	126.00
A68	12/17/97	1997	4th Quarter	38.0	677.0	138.76
A68	12/23/97	1997	4th Quarter	39.0	664.1	139.70
A68	1/7/98	1998	1st Quarter	32.0	860.0	148.44
A68	2/12/98	1998	1st Quarter	25.0	647.3	87.28
A68	3/4/98	1998	1st Quarter	32.0	1078.0	186.06
A68	3/5/98	1998	1st Quarter	26.0	650.0	91.15
A68	3/16/98	1998	1st Quarter	25.1	831.3	112.54

A68	3/18/98	1998	1st Quarter	25.0	780.0	105.18
A68	4/1/98	1998	2nd Quarter	40.0	950.0	204.96
A68	4/15/98	1998	2nd Quarter	34.0	1540.0	282.42
A68	4/23/98	1998	2nd Quarter	52.0	1326.1	371.95
A68	4/29/98	1998	2nd Quarter	72.0	1256.0	487.77
A68	5/5/98	1998	2nd Quarter	184.0	896.0	889.24
A68	5/6/98	1998	2nd Quarter	168.0	668.6	605.84
A68	5/7/98	1998	2nd Quarter	139.0	820.0	614.78
A68	5/13/98	1998	2nd Quarter	172.0	567.0	526.02
A68	5/20/98	1998	2nd Quarter	274.0	457.0	675.40
A68	5/27/98	1998	2nd Quarter	402.0	372.0	806.61
A68	5/29/98	1998	2nd Quarter	449.0	344.6	834.48
A68	6/2/98	1998	2nd Quarter	621.0	378.6	1268.07
A68	6/3/98	1998	2nd Quarter	640.0	299.0	1032.15
A68	6/9/98	1998	2nd Quarter	193.0	325.0	338.32
A68	6/10/98	1998	2nd Quarter	291.0	299.0	469.31
A68	6/17/98	1998	2nd Quarter	370.0	264.0	526.86
A68	6/24/98	1998	2nd Quarter	533.0	452.0	1299.45
A68	6/24/98	1998	2nd Quarter	485.0	241.1	630.78
A68	7/1/98	1998	3rd Quarter	508.0	280.0	767.21
A68	7/9/98	1998	3rd Quarter	325.0	230.9	404.80
A68	7/15/98	1998	3rd Quarter	225.0	274.0	332.53
A68	7/22/98	1998	3rd Quarter	141.0	311.0	236.52
A68	7/22/98	1998	3rd Quarter	141.0	260.5	198.08
A68	8/26/98	1998	3rd Quarter	72.0	358.0	139.03
A68	9/2/98	1998	3rd Quarter	83.0	320.0	143.26
A68	9/2/98	1998	3rd Quarter	83.0	320.0	143.26
A68	9/9/98	1998	3rd Quarter	57.0	390.0	119.90
A68	9/16/98	1998	3rd Quarter	64.0	360.0	124.27
A68	9/30/98	1998	3rd Quarter	34.0	362.2	66.43
A68	11/3/98	1998	4th Quarter	59.0	600.0	190.94
A68	11/18/98	1998	4th Quarter	51.0	590.0	162.30
A68	1/6/99	1999	1st Quarter	26.0	760.0	106.58
A68	1/6/99	1999	1st Quarter	26.0	760.0	106.58
A68	2/24/99	1999	1st Quarter	22.0	806.0	95.64
A68	3/3/99	1999	1st Quarter	23.0	920.0	114.13
A68	3/17/99	1999	1st Quarter	21.0	845.0	95.71
A68	4/1/99	1999	2nd Quarter	50.0	697.0	187.97
A68	4/26/99	1999	2nd Quarter	63.0	530.0	180.10
A68	5/6/99	1999	2nd Quarter	40.0	1800.0	388.35
A68	6/23/99	1999	2nd Quarter	725.0	297.8	1164.54
A68	6/23/99	1999	2nd Quarter	725.0	297.8	1164.54
A68	8/4/99	1999	3rd Quarter	253.0	280.0	382.09
A68	8/4/99	1999	3rd Quarter	253.0	280.0	382.09
A68	9/1/99	1999	3rd Quarter	210.0	320.0	362.46

A68	9/16/99	1999	3rd Quarter	91.0	468.2	229.81
A68	10/14/99	1999	4th Quarter	58.0	400.6	125.32
A68	11/3/99	1999	4th Quarter	21.0	470.0	53.24
A68	11/17/99	1999	4th Quarter	18.0	569.1	55.25
A68	1/5/00	2000	1st Quarter	29.0	630.0	98.54
A68	2/28/00	2000	1st Quarter	17.0	772.0	70.79
A68	3/1/00	2000	1st Quarter	17.0	630.0	57.77
A68	3/15/00	2000	1st Quarter	20.0	797.1	85.99
A68	5/3/00	2000	2nd Quarter	328.0	460.0	813.81
A68	7/5/00	2000	3rd Quarter	92.0	340.0	168.72
A68	9/6/00	2000	3rd Quarter	106.0	540.0	308.74
A68	11/1/00	2000	4th Quarter	57.0	540.0	166.02
A68	1/3/01	2001	1st Quarter	33.0	820.0	145.96
A68	3/14/01	2001	1st Quarter	19.0	710.0	72.76
A68	5/2/01	2001	2nd Quarter	301.0	710.0	1152.70
A68	7/6/01	2001	3rd Quarter	266.0	250.0	358.69
A68	1/2/02	2002	1st Quarter	21.0	830.0	94.01
A68	3/6/02	2002	1st Quarter	16.0	610.0	52.64
A68	6/5/02	2002	2nd Quarter	200.0	261.0	281.55
A68	6/27/02	2002	2nd Quarter	51.0	293.1	80.63
A68	7/3/02	2002	3rd Quarter	35.0	357.0	67.40
A68	7/17/02	2002	3rd Quarter	20.0	328.1	35.39
A68	8/14/02	2002	3rd Quarter	28.0	435.4	65.76
A68	9/4/02	2002	3rd Quarter	25.0	545.0	73.49
A68	9/18/02	2002	3rd Quarter	60.0	440.5	142.56
A68	10/25/02	2002	4th Quarter	42.0	634.2	143.67
A68	11/6/02	2002	4th Quarter	31.0	646.0	108.02
A68	11/12/02	2002	4th Quarter	33.0	620.2	110.39
A68	12/8/02	2002	4th Quarter	26.0	820.1	115.01
A68	1/8/03	2003	1st Quarter	19.0	863.2	88.46
A68	1/9/03	2003	1st Quarter	19.0	743.0	76.14
A68	2/1/03	2003	1st Quarter	18.0	681.9	66.20
A68	3/9/03	2003	1st Quarter	20.0	692.7	74.73
A68	4/24/03	2003	2nd Quarter	55.0	698.0	207.07
A68	5/7/03	2003	2nd Quarter	94.9	594.5	304.31
A68	5/7/03	2003	2nd Quarter	94.9	549.4	281.07
A68	6/2/03	2003	2nd Quarter	743.0	442.1	1771.75
A68	7/2/03	2003	3rd Quarter	206.5	302.7	337.15
A68	7/2/03	2003	3rd Quarter	206.5	338.6	377.14
A68	8/14/03	2003	3rd Quarter	129.0	397.5	276.58
A68	9/11/03	2003	3rd Quarter	132.0	620.0	441.43
A68	9/11/03	2003	3rd Quarter	132.0	626.9	446.34
A68	10/4/03	2003	4th Quarter	62.0	393.0	131.42
A68	11/6/03	2003	4th Quarter	24.0	731.0	94.63
A68	12/29/03	2003	4th Quarter	16.0	693.0	59.81

A68	3/3/04	2004	1st Quarter	54.0	734.0	213.79
A68	3/3/04	2004	1st Quarter	54.0	672.4	195.85
A68	4/16/04	2004	2nd Quarter	69.0	1106.8	411.92
A68	5/5/04	2004	2nd Quarter	210.0	960.0	1087.38
A68	5/5/04	2004	2nd Quarter	210.0	671.0	760.04
A68	5/28/04	2004	2nd Quarter	591.0	348.4	1110.60
A68	6/17/04	2004	2nd Quarter	429.0	375.6	869.11
A68	7/7/04	2004	3rd Quarter	169.3	326.0	297.69
A68	7/7/04	2004	3rd Quarter	163.9	336.1	297.13
A68	8/19/04	2004	3rd Quarter	43.0	555.0	128.72
A68	9/1/04	2004	3rd Quarter	31.0	672.0	112.36
A68	9/15/04	2004	3rd Quarter	46.0	548.5	136.09
A68	10/14/04	2004	4th Quarter	61.0	336.1	110.58
A68	11/10/04	2004	4th Quarter	42.4	622.0	142.38
A68	11/10/04	2004	4th Quarter	42.4	650.1	148.82
A68	12/8/04	2004	4th Quarter	33.0	703.1	125.15
A68	1/20/05	2005	1st Quarter	31.0	689.3	115.26
A68	2/15/05	2005	1st Quarter	30.0	966.4	156.38
A68	3/2/05	2005	1st Quarter	32.0	1120.0	193.31
A68	3/13/05	2005	1st Quarter	40.0	1099.2	237.15
A68	4/9/05	2005	2nd Quarter	45.0	1103.8	267.92
A68	5/4/05	2005	2nd Quarter	85.0	1070.0	490.56
A68	5/4/05	2005	2nd Quarter	86.0	1048.0	486.14
A68	6/9/05	2005	2nd Quarter	498.0	405.1	1088.14
A68	7/6/05	2005	3rd Quarter	365.0	293.0	576.84
A68	7/6/05	2005	3rd Quarter	365.0	306.3	603.02
A68	8/10/05	2005	3rd Quarter	109.0	257.8	151.57
A68	9/14/05	2005	3rd Quarter	45.0	453.6	110.10
A68	9/15/05	2005	3rd Quarter	41.0	447.0	98.85
A68	10/13/05	2005	4th Quarter	109.0	447.7	263.21
A68	11/2/05	2005	4th Quarter	64.0	535.0	184.68
A68	11/2/05	2005	4th Quarter	64.0	537.0	185.37
A68	12/20/05	2005	4th Quarter	31.0	691.1	115.56
A68	1/6/06	2006	1st Quarter	29.0	756.0	118.25
A68	1/6/06	2006	1st Quarter	29.0	744.1	116.39
A68	2/8/06	2006	1st Quarter	30.0	1020.2	165.08
A68	3/15/06	2006	1st Quarter	44.0	972.0	230.68
A68	3/15/06	2006	1st Quarter	44.0	920.8	218.53
A68	4/5/06	2006	2nd Quarter	43.0	1213.5	281.45
A68	5/10/06	2006	2nd Quarter	170.0	521.0	477.73
A68	5/10/06	2006	2nd Quarter	170.0	520.7	477.45
A68	6/6/06	2006	2nd Quarter	624.0	326.1	1097.56
A68	7/12/06	2006	3rd Quarter	171.0	355.0	327.43
A68	7/12/06	2006	3rd Quarter	171.0	340.6	314.15
A68	8/2/06	2006	3rd Quarter	137.0	370.1	273.48

A68	9/6/06	2006	3rd Quarter	73.0	474.0	186.64
A68	9/6/06	2006	3rd Quarter	73.0	599.7	236.13
A68	10/11/06	2006	4th Quarter	267.0	400.7	577.06
A68	11/1/06	2006	4th Quarter	90.0	608.0	295.15
A68	11/1/06	2006	4th Quarter	90.0	538.1	261.21
A68	12/5/06	2006	4th Quarter	43.0	637.3	147.81
A68	1/11/07	2007	1st Quarter	26.0	692.0	97.04
A68	2/6/07	2007	1st Quarter	22.0	838.9	99.55
A68	3/7/07	2007	1st Quarter	22.0	769.0	91.25
A68	3/7/07	2007	1st Quarter	22.0	732.9	86.97
A68	4/2/07	2007	2nd Quarter	59.0	698.1	222.16
A68	5/11/07	2007	2nd Quarter	339.0	412.0	753.34
A68	5/11/07	2007	2nd Quarter	339.0	380.5	695.74
A68	6/5/07	2007	2nd Quarter	744.0	298.7	1198.67
A68	6/14/07	2007	2nd Quarter	489.0	256.0	675.21
A68	6/14/07	2007	2nd Quarter	489.0	256.0	675.21
A68	7/11/07	2007	3rd Quarter	177.0	288.0	274.95
A68	7/11/07	2007	3rd Quarter	177.0	269.2	257.00
A68	8/6/07	2007	3rd Quarter	305.0	300.1	493.69
A68	9/5/07	2007	3rd Quarter	64.0	360.0	124.27
A68	9/5/07	2007	3rd Quarter	64.0	347.4	119.92
A68	10/25/07	2007	4th Quarter	90.0	418.5	203.16
A68	11/7/07	2007	4th Quarter	54.0	509.0	148.25
A68	12/5/07	2007	4th Quarter	25.0	611.3	82.43
A68	1/2/08	2008	1st Quarter	33.0	701.0	124.77
A68	1/2/08	2008	1st Quarter	33.0	1082.8	192.73
A68	3/12/08	2008	1st Quarter	80.0	1330.0	573.90
A68	4/10/08	2008	2nd Quarter	32.0	1728.1	298.27
A68	5/7/08	2008	2nd Quarter	164.0	661.0	584.71
A68	5/7/08	2008	2nd Quarter	164.0	532.6	471.13
A68	6/3/08	2008	2nd Quarter	760.0	339.2	1390.47
A68	7/9/08	2008	3rd Quarter	393.0	296.0	627.45
A68	7/9/08	2008	3rd Quarter	393.0	276.0	585.05
A68	8/5/08	2008	3rd Quarter	136.0	267.4	196.15
A68	9/3/08	2008	3rd Quarter	69.0	429.0	159.66
A68	9/3/08	2008	3rd Quarter	69.0	365.4	135.99
A68	10/6/08	2008	4th Quarter	40.0	425.1	91.72
A68	11/7/08	2008	4th Quarter	27.0	748.0	108.93
A68	11/7/08	2008	4th Quarter	27.0	672.6	97.95
A68	12/3/08	2008	4th Quarter	20.0	556.7	60.05
A68	3/4/09	2009	1st Quarter	33.0	884.0	157.35
A68	3/4/09	2009	1st Quarter	33.0	841.0	149.69
A68	4/6/09	2009	2nd Quarter	44.0	659.1	156.42
A68	5/13/09	2009	2nd Quarter	562.0	520.0	1576.28
A68	5/13/09	2009	2nd Quarter	562.0	418.4	1268.30



A68	5/19/09	2009	2nd Quarter	508.0	405.0	1109.71
A68	6/2/09	2009	2nd Quarter	392.0	328.2	693.93
A68	6/16/09	2009	2nd Quarter	272.0	324.0	475.34
A68	7/8/09	2009	3rd Quarter	318.0	288.0	493.98
A68	7/8/09	2009	3rd Quarter	318.0	250.8	430.18
A68	7/14/09	2009	3rd Quarter	145.0	270.0	211.17
A68	8/12/09	2009	3rd Quarter	318.0	283.4	486.09
A68	8/18/09	2009	3rd Quarter	43.0	333.0	77.23
A68	9/16/09	2009	3rd Quarter	73.0	476.0	187.42
A68	9/16/09	2009	3rd Quarter	73.0	385.5	151.79
A68	9/22/09	2009	3rd Quarter	42.0	413.0	93.56
A68	10/5/09	2009	4th Quarter	35.0	437.7	82.63
A68	11/4/09	2009	4th Quarter	25.7	487.0	67.46
A68	11/5/09	2009	4th Quarter	27.0	114.7	16.70
A68	11/17/09	2009	4th Quarter	28.3	581.0	88.54
A68	12/1/09	2009	4th Quarter	22.0	508.1	60.29
A68	2/17/10	2010	1st Quarter	29.0	663.0	103.71
A68	3/2/10	2010	1st Quarter	28.0	579.5	87.52
A68	3/17/10	2010	1st Quarter	18.9	597.0	61.01
A68	4/16/10	2010	2nd Quarter	92.0	1001.2	496.82
A68	5/5/10	2010	2nd Quarter	131.1	458.0	323.86
A68	5/5/10	2010	2nd Quarter	131.1	464.0	328.11
A68	6/2/10	2010	2nd Quarter	517.0	296.8	827.65
A68	6/2/10	2010	2nd Quarter	517.0	318.0	886.77
A68	7/8/10	2010	3rd Quarter	125.0	310.0	209.01
A68	7/8/10	2010	3rd Quarter	125.0	270.1	182.11
A68	7/13/10	2010	3rd Quarter	81.0	273.0	119.27
A68	8/10/10	2010	3rd Quarter	92.0	346.8	172.09
A68	9/9/10	2010	3rd Quarter	73.0	366.0	144.11
A68	9/9/10	2010	3rd Quarter	73.0	342.4	134.82
A68	9/14/10	2010	3rd Quarter	44.0	380.0	90.18
A68	10/4/10	2010	4th Quarter	39.0	359.0	75.52
A68	11/2/10	2010	4th Quarter	36.0	441.0	85.63
A68	11/3/10	2010	4th Quarter	58.0	384.0	120.13
A68	11/3/10	2010	4th Quarter	58.0	371.6	116.25
A68	12/7/10	2010	4th Quarter	27.0	408.6	59.51
A68	1/5/11	2011	1st Quarter	26.0	530.0	74.33
A68	1/5/11	2011	1st Quarter	26.0	510.1	71.54
A68	2/11/11	2011	1st Quarter	22.0	720.8	85.53
A68	3/9/11	2011	1st Quarter	42.0	814.0	184.40
A68	3/9/11	2011	1st Quarter	42.0	748.1	169.47
A68	3/15/11	2011	1st Quarter	23.0	874.0	108.43
A68	4/6/11	2011	2nd Quarter	45.0	1034.9	251.19
A68	5/4/11	2011	2nd Quarter	35.0	916.0	172.92
A68	5/8/11	2011	2nd Quarter	133.0	612.6	439.46

A68	6/3/11	2011	2nd Quarter	457.0	345.4	851.39
A68	6/14/11	2011	2nd Quarter	666.0	307.0	1102.82
A68	7/5/11	2011	3rd Quarter	445.0	229.0	549.65
A68	7/19/11	2011	3rd Quarter	339.0	252.0	460.78
A68	8/1/11	2011	3rd Quarter	172.0	232.0	215.23
A68	8/16/11	2011	3rd Quarter	67.0	290.0	104.80
A68	9/7/11	2011	3rd Quarter	51.0	317.0	87.20
A68	9/7/11	2011	3rd Quarter	51.0	245.2	67.45
A68	9/13/11	2011	3rd Quarter	40.0	317.0	68.39
A68	10/7/11	2011	4th Quarter	45.0	414.0	100.49
A68	10/18/11	2011	4th Quarter	46.0	399.0	99.00
A68	11/2/11	2011	4th Quarter	96.0	451.0	233.53
A68	5/15/12	2012	2nd Quarter	268.0	154.0	222.61
A68	10/1/12	2012	4th Quarter	28.0	100.0	15.10
A68	5/14/13	2013	2nd Quarter	387.0	534.0	1114.67





Location	Date	Year	Quarter	Flow (cfs)	Lead Total (ug/L)	Lead Load (lbs/day)
A68	9/5/91	1991	3rd Quarter	61.2	6.00	1.98
A68	9/6/91	1991	3rd Quarter	84.5	29.00	13.22
A68	9/7/91	1991	3rd Quarter	101.6	96.00	52.62
A68	9/9/91	1991	3rd Quarter	116.5	5.00	3.14
A68	9/10/91	1991	3rd Quarter	126.9	25.00	17.11
A68	12/8/91	1991	4th Quarter	25.0	1.00	0.13
A68	1/15/92	1992	1st Quarter	17.8	1.00	0.10
A68	2/13/92	1992	1st Quarter	16.0	1.00	0.09
A68	3/5/92	1992	1st Quarter	18.0	1.00	0.10
A68	3/16/92	1992	1st Quarter	21.0	1.00	0.11
A68	4/13/92	1992	2nd Quarter	86.0	15.50	7.19
A68	4/20/92	1992	2nd Quarter	59.0	1.00	0.32
A68	4/30/92	1992	2nd Quarter	328.0	1.00	1.77
A68	5/5/92	1992	2nd Quarter	257.0	1.00	1.39
A68	5/11/92	1992	2nd Quarter	176.0	1.00	0.95
A68	5/18/92	1992	2nd Quarter	334.0	1.00	1.80
A68	5/26/92	1992	2nd Quarter	430.0	1.00	2.32
A68	6/1/92	1992	2nd Quarter	290.0	1.00	1.56
A68	6/8/92	1992	2nd Quarter	341.0	1.00	1.84
A68	6/15/92	1992	2nd Quarter	442.0	1.00	2.38
A68	6/22/92	1992	2nd Quarter	512.0	1.00	2.76
A68	6/24/92	1992	2nd Quarter	463.0	15.00	37.46
A68	6/25/92	1992	2nd Quarter	421.0	32.00	72.66
A68	7/14/92	1992	3rd Quarter	173.0	1.00	0.93
A68	7/21/92	1992	3rd Quarter	117.0	1.00	0.63
A68	7/27/92	1992	3rd Quarter	191.0	1.00	1.03
A68	8/10/92	1992	3rd Quarter	91.0	1.00	0.49
A68	8/24/92	1992	3rd Quarter	116.0	183.00	114.50
A68	9/16/92	1992	3rd Quarter	60.0	15.40	4.98
A68	10/14/92	1992	4th Quarter	26.8	1.00	0.14
A68	11/18/92	1992	4th Quarter	29.0	1.00	0.16
A68	12/16/92	1992	4th Quarter	18.0	1.00	0.10
A68	1/13/93	1993	1st Quarter	16.0	1.00	0.09
A68	2/17/93	1993	1st Quarter	16.0	1.00	0.09
A68	3/10/93	1993	1st Quarter	22.0	1.00	0.12
A68	3/31/93	1993	1st Quarter	24.0	1.00	0.13
A68	4/14/93	1993	2nd Quarter	27.0	143.00	20.83

A68	4/21/93	1993	2nd Quarter	40.0	134.00	28.91
A68	4/29/93	1993	2nd Quarter	99.0	77.20	41.22
A68	5/4/93	1993	2nd Quarter	132.0	43.00	30.62
A68	5/12/93	1993	2nd Quarter	190.0	53.50	54.83
A68	5/26/93	1993	2nd Quarter	741.0	67.00	267.78
A68	6/2/93	1993	2nd Quarter	718.0	61.00	236.24
A68	6/9/93	1993	2nd Quarter	299.0	1.00	1.61
A68	6/16/93	1993	2nd Quarter	907.0	138.00	675.12
A68	6/23/93	1993	2nd Quarter	769.0	41.30	171.30
A68	7/14/93	1993	3rd Quarter	360.0	1.00	1.94
A68	7/21/93	1993	3rd Quarter	221.0	1.00	1.19
A68	7/28/93	1993	3rd Quarter	170.0	1.00	0.92
A68	8/11/93	1993	3rd Quarter	122.0	1.00	0.66
A68	8/25/93	1993	3rd Quarter	83.0	1.00	0.45
A68	9/15/93	1993	3rd Quarter	88.0	1.00	0.47
A68	10/13/93	1993	4th Quarter	52.0	1.00	0.28
A68	11/17/93	1993	4th Quarter	33.0	1.00	0.18
A68	12/15/93	1993	4th Quarter	24.0	1.00	0.13
A68	1/12/94	1994	1st Quarter	53.0	1.00	0.29
A68	10/13/94	1994	4th Quarter	74.0	1.00	0.40
A68	11/9/94	1994	4th Quarter	49.0	1.00	0.26
A68	12/13/94	1994	4th Quarter	41.0	1.00	0.22
A68	1/18/95	1995	1st Quarter	32.0	1.00	0.17
A68	2/15/95	1995	1st Quarter	34.0	1.20	0.22
A68	3/1/95	1995	1st Quarter	41.0	1.00	0.22
A68	3/15/95	1995	1st Quarter	44	3.3	0.78
A68	4/6/95	1995	2nd Quarter	48.0	9.60	2.49
A68	4/12/95	1995	2nd Quarter	49.0	5.00	1.32
A68	4/12/95	1995	2nd Quarter	49.0	7.20	1.90
A68	4/19/95	1995	2nd Quarter	50	1.5	0.40
A68	5/3/95	1995	2nd Quarter	58.0	1.30	0.41
A68	5/10/95	1995	2nd Quarter	60	10.8	3.50
A68	5/22/95	1995	2nd Quarter	393	17	36.04
A68	5/31/95	1995	2nd Quarter	154.0	3.80	3.16
A68	6/7/95	1995	2nd Quarter	560.0	12.00	36.25
A68	6/14/95	1995	2nd Quarter	1090.0	1.00	5.88
A68	6/21/95	1995	2nd Quarter	2120.0	39.00	445.96
A68	6/21/95	1995	2nd Quarter	2120.0	166.00	1898.18
A68	6/28/95	1995	2nd Quarter	803.0	49.30	213.53
A68	7/5/95	1995	3rd Quarter	388.0	7.90	16.53
A68	7/12/95	1995	3rd Quarter	1170.0	4.2	26.50
A68	7/19/95	1995	3rd Quarter	865.0	10.30	48.06
A68	8/2/95	1995	3rd Quarter	399.0	2.80	6.03
A68	8/16/95	1995	3rd Quarter	194.0	2.40	2.51
A68	9/6/95	1995	3rd Quarter	110.0	16.00	9.49

A68	9/13/95	1995	3rd Quarter	91.0	4.6	2.26
A68	10/11/95	1995	4th Quarter	57.0	3.00	0.92
A68	11/15/95	1995	4th Quarter	35	1.1	0.21
A68	2/14/96	1996	1st Quarter	32.0	1.90	0.33
A68	3/13/96	1996	1st Quarter	33.0	1.30	0.23
A68	3/20/96	1996	1st Quarter	27.0	8.40	1.22
A68	4/3/96	1996	2nd Quarter	41.0	9.80	2.17
A68	4/9/96	1996	2nd Quarter	60.3	15.00	4.88
A68	4/10/96	1996	2nd Quarter	75.0	12.40	5.02
A68	5/1/96	1996	2nd Quarter	139.0	16.10	12.07
A68	5/8/96	1996	2nd Quarter	354.0	27.90	53.27
A68	5/15/96	1996	2nd Quarter	752.0	36.10	146.43
A68	5/21/96	1996	2nd Quarter	757.0	43.00	175.57
A68	5/29/96	1996	2nd Quarter	169.0	2.20	2.01
A68	6/5/96	1996	2nd Quarter	596.0	9.30	29.90
A68	6/12/96	1996	2nd Quarter	404.0	3.60	7.84
A68	6/19/96	1996	2nd Quarter	373.0	3.50	7.04
A68	6/26/96	1996	2nd Quarter	253.0	2.40	3.28
A68	7/10/96	1996	3rd Quarter	161.0	3.60	3.13
A68	7/16/96	1996	3rd Quarter	110.0	2.00	1.19
A68	7/17/96	1996	3rd Quarter	108.0	1.30	0.76
A68	8/7/96	1996	3rd Quarter	51.0	1.00	0.28
A68	8/21/96	1996	3rd Quarter	34.0	1.10	0.20
A68	9/18/96	1996	3rd Quarter	68.0	15.50	5.69
A68	10/1/96	1996	4th Quarter	55.0	1.40	0.42
A68	10/1/96	1996	4th Quarter	55.0	1.40	0.42
A68	10/16/96	1996	4th Quarter	95.0	1.70	0.87
A68	11/13/96	1996	4th Quarter	47.0	1.00	0.25
A68	3/12/97	1997	1st Quarter	33.0	6.90	1.23
A68	3/19/97	1997	1st Quarter	40.0	39.00	8.41
A68	4/2/97	1997	2nd Quarter	52.0	5.20	1.46
A68	4/16/97	1997	2nd Quarter	45.0	10.90	2.65
A68	4/16/97	1997	2nd Quarter	45.0	14.10	3.42
A68	4/29/97	1997	2nd Quarter	95.5	30.00	15.45
A68	4/30/97	1997	2nd Quarter	87.0	7.30	3.43
A68	5/7/97	1997	2nd Quarter	147.0	14.00	11.10
A68	5/14/97	1997	2nd Quarter	433.0	58.99	137.78
A68	5/21/97	1997	2nd Quarter	514.0	20.10	55.73
A68	5/28/97	1997	2nd Quarter	239.0	3.40	4.38
A68	6/4/97	1997	2nd Quarter	1180.0	55.40	352.60
A68	6/5/97	1997	2nd Quarter	883.0	55.28	263.28
A68	6/11/97	1997	2nd Quarter	451.0	10.10	24.57
A68	6/16/97	1997	2nd Quarter	580.0	45.30	141.71
A68	6/18/97	1997	2nd Quarter	988.0	40.30	214.76
A68	6/25/97	1997	2nd Quarter	701.0	12.20	46.13

A68	7/1/97	1997	3rd Quarter	585.0	30.52	96.31
A68	7/2/97	1997	3rd Quarter	582.0	3.20	10.05
A68	7/9/97	1997	3rd Quarter	549.0	8.00	23.69
A68	7/16/97	1997	3rd Quarter	637.0	8.20	28.17
A68	7/30/97	1997	3rd Quarter	324.0	42.33	73.98
A68	8/13/97	1997	3rd Quarter	207.0	2.90	3.24
A68	9/11/97	1997	3rd Quarter	60.0	1.00	0.32
A68	9/17/97	1997	3rd Quarter	104.0	4.60	2.58
A68	10/15/97	1997	4th Quarter	160.0	6.20	5.35
A68	10/22/97	1997	4th Quarter	115.0	32.67	20.27
A68	11/12/97	1997	4th Quarter	73.0	1.60	0.63
A68	11/12/97	1997	4th Quarter	73.0	3.00	1.18
A68	11/25/97	1997	4th Quarter	44.2	45.21	10.78
A68	12/17/97	1997	4th Quarter	38.0	3.40	0.70
A68	1/7/98	1998	1st Quarter	32.0	2.00	0.35
A68	3/5/98	1998	1st Quarter	26.0	2.00	0.28
A68	3/16/98	1998	1st Quarter	25.1	48.27	6.54
A68	3/18/98	1998	1st Quarter	25.0	1.60	0.22
A68	4/1/98	1998	2nd Quarter	40.0	3.30	0.71
A68	4/15/98	1998	2nd Quarter	34.0	4.30	0.79
A68	4/29/98	1998	2nd Quarter	72.0	9.30	3.61
A68	5/5/98	1998	2nd Quarter	184.0	11.40	11.31
A68	5/7/98	1998	2nd Quarter	139.0	6.00	4.50
A68	5/13/98	1998	2nd Quarter	172.0	5.50	5.10
A68	5/20/98	1998	2nd Quarter	274.0	10.70	15.81
A68	5/27/98	1998	2nd Quarter	402.0	6.10	13.23
A68	5/29/98	1998	2nd Quarter	449.0	33.98	82.29
A68	6/2/98	1998	2nd Quarter	621.0	60.27	201.88
A68	6/3/98	1998	2nd Quarter	640.0	28.10	97.00
A68	6/10/98	1998	2nd Quarter	291	28.1	44.11
A68	6/17/98	1998	2nd Quarter	370.0	3.70	7.38
A68	6/17/98	1998	2nd Quarter	370.0	4.7	9.38
A68	6/24/98	1998	2nd Quarter	533.0	10.70	30.76
A68	7/1/98	1998	3rd Quarter	508.0	7.00	19.18
A68	7/15/98	1998	3rd Quarter	225.0	2.10	2.55
A68	7/22/98	1998	3rd Quarter	141.0	3.90	2.97
A68	8/26/98	1998	3rd Quarter	72.0	1.90	0.74
A68	9/2/98	1998	3rd Quarter	83.0	4.70	2.10
A68	9/2/98	1998	3rd Quarter	83.0	4.70	2.10
A68	11/3/98	1998	4th Quarter	59.0	3.00	0.95
A68	11/18/98	1998	4th Quarter	51.0	3.20	0.88
A68	1/6/99	1999	1st Quarter	26.0	2.00	0.28
A68	1/6/99	1999	1st Quarter	51.0	2.00	0.55
A68	2/24/99	1999	1st Quarter	26.0	11.70	1.64
A68	3/3/99	1999	1st Quarter	23.0	4.00	0.50



A68	3/17/99	1999	1st Quarter	21.0	2.00	0.23
A68	4/1/99	1999	2nd Quarter	50.0	2.90	0.78
A68	4/26/99	1999	2nd Quarter	63.0	5.80	1.97
A68	5/6/99	1999	2nd Quarter	40.0	6.00	1.29
A68	6/23/99	1999	2nd Quarter	725.0	21.60	84.47
A68	6/23/99	1999	2nd Quarter	725.0	21.60	84.47
A68	8/4/99	1999	3rd Quarter	253.0	3.00	4.09
A68	8/4/99	1999	3rd Quarter	253.0	3.00	4.09
A68	9/1/99	1999	3rd Quarter	210.0	3.00	3.40
A68	9/16/99	1999	3rd Quarter	91.0	4.10	2.01
A68	10/14/99	1999	4th Quarter	58.0	8.30	2.60
A68	11/3/99	1999	4th Quarter	21.0	2.00	0.23
A68	11/17/99	1999	4th Quarter	18.0	11.30	1.10
A68	1/5/00	2000	1st Quarter	29.0	1.00	0.16
A68	2/28/00	2000	1st Quarter	17.0	4.90	0.45
A68	3/1/00	2000	1st Quarter	17.0	2.00	0.18
A68	3/15/00	2000	1st Quarter	20.0	2.80	0.30
A68	5/3/00	2000	2nd Quarter	328.0	14.00	24.77
A68	7/5/00	2000	3rd Quarter	92.0	2.00	0.99
A68	9/6/00	2000	3rd Quarter	106.0	19.00	10.86
A68	11/1/00	2000	4th Quarter	57.0	11.00	3.38
A68	1/3/01	2001	1st Quarter	33.0	2.00	0.36
A68	3/14/01	2001	1st Quarter	19.0	4.00	0.41
A68	5/2/01	2001	2nd Quarter	301.0	32.00	51.95
A68	7/6/01	2001	3rd Quarter	266.0	3.00	4.30
A68	1/2/02	2002	1st Quarter	21.0	2.20	0.25
A68	3/6/02	2002	1st Quarter	16.0	22.00	1.90
A68	6/5/02	2002	2nd Quarter	200.0	0.20	0.22
A68	6/27/02	2002	2nd Quarter	51.0	3.00	0.83
A68	7/17/02	2002	3rd Quarter	20.0	3.70	0.40
A68	9/4/02	2002	3rd Quarter	25.0	2.00	0.27
A68	11/12/02	2002	4th Quarter	33.0	2.00	0.36
A68	12/8/02	2002	4th Quarter	26.0	2.30	0.32
A68	1/8/03	2003	1st Quarter	19.0	3.70	0.38
A68	3/9/03	2003	1st Quarter	20.0	6.60	0.71
A68	4/24/03	2003	2nd Quarter	55.0	2.30	0.68
A68	5/7/03	2003	2nd Quarter	94.9	3.91	2.00
A68	6/2/03	2003	2nd Quarter	743	28.5	114.22
A68	7/2/03	2003	3rd Quarter	206.5	2.21	2.46
A68	8/14/03	2003	3rd Quarter	129.0	33.70	23.45
A68	9/11/03	2003	3rd Quarter	132.0	5.20	3.70
A68	9/11/03	2003	3rd Quarter	132.0	7.00	4.98
A68	10/4/03	2003	4th Quarter	62.0	2.70	0.90
A68	11/6/03	2003	4th Quarter	24.0	4.00	0.52
A68	12/29/03	2003	4th Quarter	16.0	4.60	0.40

A68	3/3/04	2004	1st Quarter	54.0	3.00	0.87
A68	3/3/04	2004	1st Quarter	54.0	3.10	0.90
A68	4/16/04	2004	2nd Quarter	69.0	13.90	5.17
A68	5/5/04	2004	2nd Quarter	210.0	7.40	8.38
A68	5/5/04	2004	2nd Quarter	210.0	12.00	13.59
A68	5/28/04	2004	2nd Quarter	591.0	6.70	21.36
A68	6/17/04	2004	2nd Quarter	429.0	3.00	6.94
A68	7/7/04	2004	3rd Quarter	169.3	3.00	2.74
A68	7/7/04	2004	3rd Quarter	163.9	6.5	5.75
A68	9/1/04	2004	3rd Quarter	31.0	2.00	0.33
A68	10/14/04	2004	4th Quarter	61.0	6.50	2.14
A68	11/10/04	2004	4th Quarter	42.4	2.00	0.46
A68	1/20/05	2005	1st Quarter	31.0	3.59	0.60
A68	2/15/05	2005	1st Quarter	30.0	4.56	0.74
A68	3/2/05	2005	1st Quarter	32.0	4	0.69
A68	3/13/05	2005	1st Quarter	40.0	3.29	0.71
A68	4/9/05	2005	2nd Quarter	45.0	7.50	1.82
A68	5/4/05	2005	2nd Quarter	86.0	3.38	1.57
A68	5/4/05	2005	2nd Quarter	85.0	4	1.83
A68	6/9/05	2005	2nd Quarter	498	7	18.80
A68	7/6/05	2005	3rd Quarter	365.0	4	7.87
A68	9/15/05	2005	3rd Quarter	41.0	2	0.44
A68	10/13/05	2005	4th Quarter	109	1.2	0.71
A68	11/2/05	2005	4th Quarter	64.0	2	0.69
A68	1/6/06	2006	1st Quarter	29.0	2	0.31
A68	3/15/06	2006	1st Quarter	44.0	2	0.47
A68	4/5/06	2006	2nd Quarter	43.0	6.7	1.55
A68	5/10/06	2006	2nd Quarter	170.0	3	2.75
A68	5/10/06	2006	2nd Quarter	170.0	5	4.58
A68	6/6/06	2006	2nd Quarter	624.0	17.2	57.89
A68	7/12/06	2006	3rd Quarter	171.0	2	1.84
A68	8/2/06	2006	3rd Quarter	137.0	4.1	3.03
A68	9/6/06	2006	3rd Quarter	73.0	2	0.79
A68	9/6/06	2006	3rd Quarter	73.0	3.7	1.46
A68	10/11/06	2006	4th Quarter	267.0	3.8	5.47
A68	11/1/06	2006	4th Quarter	90.0	2	0.97
A68	1/11/07	2007	1st Quarter	26.0	3.7	0.52
A68	3/7/07	2007	1st Quarter	22.0	2	0.24
A68	5/11/07	2007	2nd Quarter	339	4.3	7.86
A68	5/11/07	2007	2nd Quarter	339.0	6	10.97
A68	6/5/07	2007	2nd Quarter	744	11.9	47.75
A68	6/14/07	2007	2nd Quarter	489.0	3.4	8.97
A68	6/14/07	2007	2nd Quarter	489.0	3.4	8.97
A68	7/11/07	2007	3rd Quarter	177.0	2	1.91
A68	7/11/07	2007	3rd Quarter	177	3.4	3.25

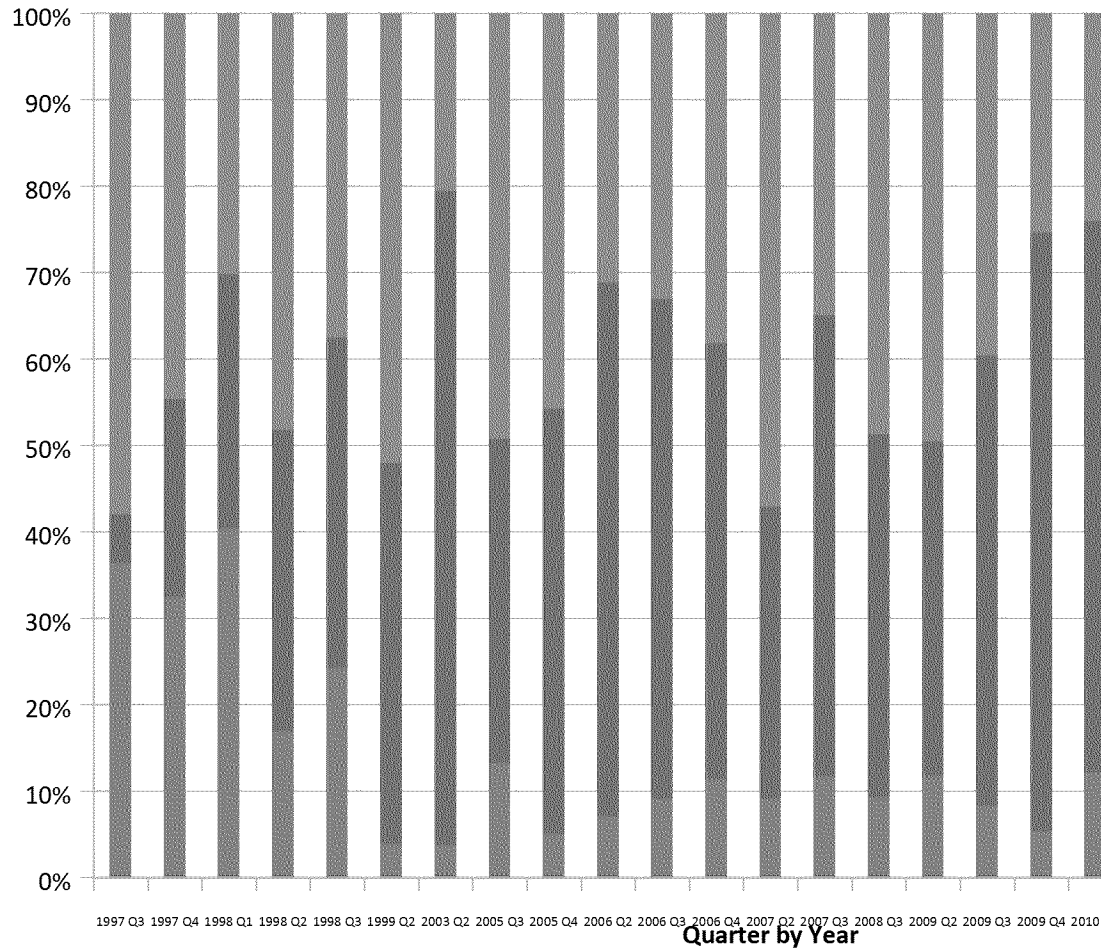
A68	8/6/07	2007	3rd Quarter	305	55.8	91.80
A68	9/5/07	2007	3rd Quarter	64.0	7.4	2.55
A68	10/25/07	2007	4th Quarter	90	7.8	3.79
A68	11/7/07	2007	4th Quarter	54.0	2	0.58
A68	12/5/07	2007	4th Quarter	25	4.8	0.65
A68	3/12/08	2008	1st Quarter	80.0	2.00	0.86
A68	4/10/08	2008	2nd Quarter	32	5.3	0.91
A68	5/7/08	2008	2nd Quarter	164.0	6.00	5.31
A68	5/7/08	2008	2nd Quarter	164	7.1	6.28
A68	6/3/08	2008	2nd Quarter	760	42.7	175.04
A68	7/9/08	2008	3rd Quarter	393.0	3.00	6.36
A68	7/9/08	2008	3rd Quarter	393	3.7	7.84
A68	8/5/08	2008	3rd Quarter	136	4.8	3.52
A68	9/3/08	2008	3rd Quarter	69.0	3	1.12
A68	9/3/08	2008	3rd Quarter	69	6.3	2.34
A68	10/6/08	2008	4th Quarter	40	6.5	1.40
A68	11/7/08	2008	4th Quarter	27.0	2.00	0.29
A68	11/7/08	2008	4th Quarter	27	5.7	0.83
A68	12/3/08	2008	4th Quarter	20	6.4	0.69
A68	3/4/09	2009	1st Quarter	33	2	0.36
A68	3/4/09	2009	1st Quarter	33	6.9	1.23
A68	4/6/09	2009	2nd Quarter	44	9.7	2.30
A68	5/13/09	2009	2nd Quarter	562	75.8	229.77
A68	5/13/09	2009	2nd Quarter	562	120	363.76
A68	5/19/09	2009	2nd Quarter	508	52.3	143.30
A68	6/2/09	2009	2nd Quarter	392	5.2	10.99
A68	6/16/09	2009	2nd Quarter	272	2.5	3.67
A68	7/8/09	2009	3rd Quarter	318	2	3.43
A68	7/14/09	2009	3rd Quarter	145.00	2.1	1.64
A68	8/18/09	2009	3rd Quarter	43	1.4	0.32
A68	9/16/09	2009	3rd Quarter	73	4.3	1.69
A68	9/16/09	2009	3rd Quarter	73	8	3.15
A68	9/22/09	2009	3rd Quarter	42	2.0	0.45
A68	10/5/09	2009	4th Quarter	35	3.2	0.60
A68	11/4/09	2009	4th Quarter	25.7	1.00	0.14
A68	11/17/09	2009	4th Quarter	28.3	1.9	0.29
A68	12/1/09	2009	4th Quarter	22	3.7	0.44
A68	2/17/10	2010	1st Quarter	29.0	2.7	0.42
A68	3/2/10	2010	1st Quarter	28	4.1	0.62
A68	3/17/10	2010	1st Quarter	18.9	2.4	0.25
A68	4/16/10	2010	2nd Quarter	92	3.6	1.79
A68	5/5/10	2010	2nd Quarter	131.1	3	2.12
A68	5/5/10	2010	2nd Quarter	131.1	3.8	2.69
A68	6/2/10	2010	2nd Quarter	517	13.3	37.09
A68	6/2/10	2010	2nd Quarter	517	15.3	42.67

A68	7/8/10	2010	3rd Quarter	125	2.00	1.35
A68	7/8/10	2010	3rd Quarter	125	5.4	3.64
A68	7/13/10	2010	3rd Quarter	81.0	1.5	0.66
A68	8/10/10	2010	3rd Quarter	92	3.4	1.69
A68	9/9/10	2010	3rd Quarter	73	3.00	1.18
A68	9/14/10	2010	3rd Quarter	44.0	2.2	0.52
A68	11/2/10	2010	4th Quarter	36.0	1.7	0.33
A68	11/3/10	2010	4th Quarter	58	1	0.31
A68	1/5/11	2011	1st Quarter	26	1	0.14
A68	2/11/11	2011	1st Quarter	22	3.9	0.46
A68	3/9/11	2011	1st Quarter	42	4	0.91
A68	3/15/11	2011	1st Quarter	23.0	5.4	0.67
A68	4/6/11	2011	2nd Quarter	45	6.5	1.58
A68	5/4/11	2011	2nd Quarter	35	4	0.76
A68	5/8/11	2011	2nd Quarter	133	13.4	9.61
A68	6/3/11	2011	2nd Quarter	457	10.9	26.87
A68	6/14/11	2011	2nd Quarter	666	19.6	70.41
A68	7/5/11	2011	3rd Quarter	445	4.1	9.84
A68	7/19/11	2011	3rd Quarter	339	4.9	8.96
A68	8/16/11	2011	3rd Quarter	67.0	1.7	0.61
A68	9/7/11	2011	3rd Quarter	51	2	0.55
A68	9/13/11	2011	3rd Quarter	40.0	1.7	0.37
A68	10/18/11	2011	4th Quarter	46.0	1.7	0.42
A68	11/2/11	2011	4th Quarter	96	2	1.04
A68	5/15/12	2012	2nd Quarter	268.0	2.79	4.03
A68	10/1/12	2012	4th Quarter	28.0	2.9	0.44
A68	5/14/13	2013	2nd Quarter	387.0	1.3	2.80

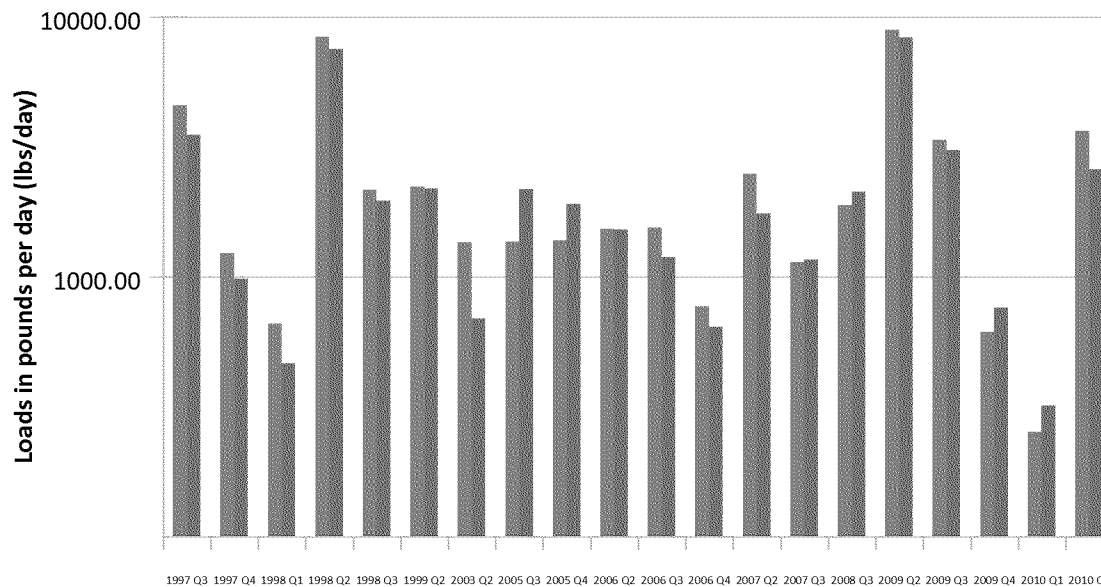




## Zinc Loads from A68, CC48, and M34 by Port



## M34, CC48, and A68 Summed for Comparison



Location	Date	Year	Quarter	Flow (cfs)
A68	9/5/91	1991	3rd Quarter	61.2
A68	9/6/91	1991	3rd Quarter	84.5
A68	9/7/91	1991	3rd Quarter	101.6
A68	9/9/91	1991	3rd Quarter	116.5
A68	9/10/91	1991	3rd Quarter	126.9
A68	12/8/91	1991	4th Quarter	25.0
A68	1/15/92	1992	1st Quarter	17.8
A68	4/30/92	1992	2nd Quarter	328.0
A68	6/23/92	1992	2nd Quarter	486.0
A68	6/24/92	1992	2nd Quarter	463.0
A68	6/25/92	1992	2nd Quarter	421.0
A68	7/27/92	1992	3rd Quarter	191.0
A68	8/10/92	1992	3rd Quarter	91.0
A68	8/24/92	1992	3rd Quarter	116.0
A68	9/16/92	1992	3rd Quarter	60.0
A68	10/14/92	1992	4th Quarter	26.8
A68	10/15/92	1992	4th Quarter	29.2
A68	1/13/93	1993	1st Quarter	16.0
A68	2/17/93	1993	1st Quarter	16.0
A68	3/10/93	1993	1st Quarter	22.0
A68	3/31/93	1993	1st Quarter	24.0
A68	4/14/93	1993	2nd Quarter	27.0
A68	4/21/93	1993	2nd Quarter	40.0
A68	4/29/93	1993	2nd Quarter	99.0
A68	5/4/93	1993	2nd Quarter	132.0
A68	5/12/93	1993	2nd Quarter	190.0
A68	5/26/93	1993	2nd Quarter	741.0
A68	6/2/93	1993	2nd Quarter	718.0
A68	6/9/93	1993	2nd Quarter	299.0
A68	6/16/93	1993	2nd Quarter	907.0
A68	6/23/93	1993	2nd Quarter	769.0
A68	7/20/93	1993	3rd Quarter	206.0
A68	7/21/93	1993	3rd Quarter	206.0
A68	7/21/93	1993	3rd Quarter	221.0
A68	7/28/93	1993	3rd Quarter	170.0
A68	8/11/93	1993	3rd Quarter	122.0
A68	8/25/93	1993	3rd Quarter	83.0
A68	9/15/93	1993	3rd Quarter	88.0
A68	10/13/93	1993	4th Quarter	52.0
A68	11/17/93	1993	4th Quarter	33.0
A68	12/15/93	1993	4th Quarter	24.0
A68	1/12/94	1994	1st Quarter	53.0
A68	12/13/94	1994	4th Quarter	41.0
A68	1/18/95	1995	1st Quarter	32.0



A68	4/9/96	1996	2nd Quarter	60.3
A68	10/1/96	1996	4th Quarter	55.0
A68	11/19/96	1996	4th Quarter	42.9
A68	1/8/97	1997	1st Quarter	47.4
A68	1/30/97	1997	1st Quarter	8.5
A68	2/25/97	1997	1st Quarter	18.1
A68	3/25/97	1997	1st Quarter	45.1
A68	4/29/97	1997	2nd Quarter	95.5
A68	5/14/97	1997	2nd Quarter	433.0
A68	5/21/97	1997	2nd Quarter	514.0
A68	5/29/97	1997	2nd Quarter	238.0
A68	6/5/97	1997	2nd Quarter	883.0
A68	6/11/97	1997	2nd Quarter	451.0
A68	6/16/97	1997	2nd Quarter	580.0
A68	6/26/97	1997	2nd Quarter	606.0
A68	7/1/97	1997	3rd Quarter	585.0
A68	7/15/97	1997	3rd Quarter	355.0
A68	7/30/97	1997	3rd Quarter	324.0
A68	8/12/97	1997	3rd Quarter	232.0
A68	9/25/97	1997	3rd Quarter	202.0
A68	10/22/97	1997	4th Quarter	115.0
A68	11/25/97	1997	4th Quarter	44.2
A68	12/23/97	1997	4th Quarter	39.0
A68	2/12/98	1998	1st Quarter	25.0
A68	3/16/98	1998	1st Quarter	25.1
A68	4/23/98	1998	2nd Quarter	52.0
A68	5/6/98	1998	2nd Quarter	168.0
A68	5/29/98	1998	2nd Quarter	449.0
A68	6/2/98	1998	2nd Quarter	621.0
A68	6/9/98	1998	2nd Quarter	193.0
A68	6/24/98	1998	2nd Quarter	485.0
A68	7/9/98	1998	3rd Quarter	325.0
A68	7/22/98	1998	3rd Quarter	141.0
A68	9/2/98	1998	3rd Quarter	83.0
A68	9/30/98	1998	3rd Quarter	34.0
A68	6/23/99	1999	2nd Quarter	725.0
A68	1/5/00	2000	1st Quarter	29.0
A68	3/1/00	2000	1st Quarter	17.0
A68	5/3/00	2000	2nd Quarter	328.0
A68	7/5/00	2000	3rd Quarter	92.0
A68	9/6/00	2000	3rd Quarter	106.0
A68	5/7/03	2003	2nd Quarter	94.9
A68	7/2/03	2003	3rd Quarter	206.5
A68	9/11/03	2003	3rd Quarter	132.0
A68	3/3/04	2004	1st Quarter	54.0
A68	3/3/04	2004	1st Quarter	54.0
A68	5/5/04	2004	2nd Quarter	210.0
A68	5/5/04	2004	2nd Quarter	210.0
A68	7/7/04	2004	3rd Quarter	169.3
A68	9/1/04	2004	3rd Quarter	31.0
A68	11/10/04	2004	4th Quarter	42.4
A68	5/4/05	2005	2nd Quarter	86.0
A68	5/4/05	2005	2nd Quarter	85.0

A68	7/6/05	2005	3rd Quarter	365.0
A68	9/15/05	2005	3rd Quarter	41.0
A68	10/13/05	2005	4th Quarter	109
A68	11/2/05	2005	4th Quarter	64.0
A68	11/2/05	2005	4th Quarter	64
A68	1/6/06	2006	1st Quarter	29.0
A68	2/8/06	2006	1st Quarter	30.0
A68	3/15/06	2006	1st Quarter	44.0
A68	5/10/06	2006	2nd Quarter	170.0
A68	7/12/06	2006	3rd Quarter	171.0
A68	9/6/06	2006	3rd Quarter	73.0
A68	11/1/06	2006	4th Quarter	90.0
A68	3/7/07	2007	1st Quarter	22.0
A68	5/11/07	2007	2nd Quarter	339.0
A68	6/14/07	2007	2nd Quarter	489.0
A68	7/11/07	2007	3rd Quarter	177.0
A68	9/5/07	2007	3rd Quarter	64.0
A68	3/12/08	2008	1st Quarter	80.0
A68	7/9/08	2008	3rd Quarter	393.0
A68	9/3/08	2008	3rd Quarter	69
A68	9/3/08	2008	3rd Quarter	69.0
A68	5/13/09	2009	2nd Quarter	562
A68	5/13/09	2009	2nd Quarter	562
A68	5/19/09	2009	2nd Quarter	508
A68	6/16/09	2009	2nd Quarter	272
A68	7/8/09	2009	3rd Quarter	318
A68	8/12/09	2009	3rd Quarter	318
A68	8/18/09	2009	3rd Quarter	43
A68	9/16/09	2009	3rd Quarter	73
A68	9/22/09	2009	3rd Quarter	42
A68	11/4/09	2009	4th Quarter	25.7
A68	11/17/09	2009	4th Quarter	28.3
A68	3/17/10	2010	1st Quarter	18.9
A68	5/5/10	2010	2nd Quarter	131.1
A68	5/5/10	2010	2nd Quarter	131.1
A68	6/2/10	2010	2nd Quarter	517
A68	7/8/10	2010	3rd Quarter	125
A68	7/8/10	2010	3rd Quarter	125
A68	7/13/10	2010	3rd Quarter	81.0
A68	9/9/10	2010	3rd Quarter	73
A68	9/14/10	2010	3rd Quarter	44.0
A68	11/2/10	2010	4th Quarter	36.0
A68	11/3/10	2010	4th Quarter	58
A68	11/3/10	2010	4th Quarter	58
A68	3/9/11	2011	1st Quarter	42
A68	3/15/11	2011	1st Quarter	23.0
A68	5/4/11	2011	2nd Quarter	35
A68	6/14/11	2011	2nd Quarter	666
A68	7/19/11	2011	3rd Quarter	339
A68	8/16/11	2011	3rd Quarter	67.0
A68	9/7/11	2011	3rd Quarter	51
A68	9/13/11	2011	3rd Quarter	40.0
A68	10/18/11	2011	4th Quarter	46.0

<b>A68</b>	11/2/11	2011	4th Quarter	96
<b>CC48</b>	12/13/94	1994	4th Quarter	15
<b>CC48</b>	1/18/95	1995	1st Quarter	15
<b>CC48</b>	2/15/95	1995	1st Quarter	17
<b>CC48</b>	3/1/95	1995	1st Quarter	21
<b>CC48</b>	3/15/95	1995	1st Quarter	24
<b>CC48</b>	4/6/95	1995	2nd Quarter	27
<b>CC48</b>	4/12/95	1995	2nd Quarter	24
<b>CC48</b>	4/19/95	1995	2nd Quarter	23
<b>CC48</b>	5/3/95	1995	2nd Quarter	24
<b>CC48</b>	5/10/95	1995	2nd Quarter	23
<b>CC48</b>	8/16/95	1995	3rd Quarter	40
<b>CC48</b>	9/13/95	1995	3rd Quarter	25
<b>CC48</b>	10/11/95	1995	4th Quarter	18
<b>CC48</b>	11/15/95	1995	4th Quarter	17
<b>CC48</b>	12/13/95	1995	4th Quarter	14
<b>CC48</b>	1/17/96	1996	1st Quarter	15
<b>CC48</b>	8/13/97	1997	3rd Quarter	33.00
<b>CC48</b>	9/11/97	1997	3rd Quarter	16.00
<b>CC48</b>	9/17/97	1997	3rd Quarter	21.00
<b>CC48</b>	10/15/97	1997	4th Quarter	38.00
<b>CC48</b>	11/12/97	1997	4th Quarter	16.00
<b>CC48</b>	12/17/97	1997	4th Quarter	15.00
<b>CC48</b>	1/14/98	1998	1st Quarter	14.00
<b>CC48</b>	2/11/98	1998	1st Quarter	14.00
<b>CC48</b>	3/4/98	1998	1st Quarter	13.00
<b>CC48</b>	3/18/98	1998	1st Quarter	13.00
<b>CC48</b>	4/1/98	1998	2nd Quarter	16.00
<b>CC48</b>	4/15/98	1998	2nd Quarter	16.00
<b>CC48</b>	4/29/98	1998	2nd Quarter	43.00
<b>CC48</b>	5/5/98	1998	2nd Quarter	80.00
<b>CC48</b>	5/13/98	1998	2nd Quarter	81.00
<b>CC48</b>	6/3/98	1998	2nd Quarter	183.00
<b>CC48</b>	6/10/98	1998	2nd Quarter	85.00
<b>CC48</b>	6/17/98	1998	2nd Quarter	93.00
<b>CC48</b>	6/24/98	1998	2nd Quarter	116.00
<b>CC48</b>	7/8/98	1998	3rd Quarter	84.00
<b>CC48</b>	7/15/98	1998	3rd Quarter	54.00
<b>CC48</b>	7/22/98	1998	3rd Quarter	40.00
<b>CC48</b>	8/26/98	1998	3rd Quarter	20.00
<b>CC48</b>	9/2/98	1998	3rd Quarter	18.00
<b>CC48</b>	9/16/98	1998	3rd Quarter	18.00
<b>CC48</b>	10/14/98	1998	4th Quarter	18.00
<b>CC48</b>	11/18/98	1998	4th Quarter	20.00
<b>CC48</b>	1/13/99	1999	1st Quarter	15.00
<b>CC48</b>	2/24/99	1999	1st Quarter	14.00
<b>CC48</b>	3/17/99	1999	1st Quarter	14.00
<b>CC48</b>	4/1/99	1999	2nd Quarter	23.00
<b>CC48</b>	4/21/99	1999	2nd Quarter	38.00
<b>CC48</b>	6/23/99	1999	2nd Quarter	192.00
<b>CC48</b>	9/13/99	1999	3rd Quarter	27.00
<b>CC48</b>	10/14/99	1999	4th Quarter	18.00
<b>CC48</b>	11/17/99	1999	4th Quarter	14.00

CC48	12/15/99	1999	4th Quarter	13.00
CC48	1/12/00	2000	1st Quarter	13.00
CC48	2/28/00	2000	1st Quarter	9.40
CC48	3/15/00	2000	1st Quarter	13.00
CC48	6/27/02	2002	2nd Quarter	15.00
CC48	7/17/02	2002	3rd Quarter	12.00
CC48	8/14/02	2002	3rd Quarter	13.00
CC48	9/18/02	2002	3rd Quarter	17.00
CC48	10/25/02	2002	4th Quarter	15.00
CC48	11/12/02	2002	4th Quarter	14
CC48	12/8/02	2002	4th Quarter	13
CC48	1/8/03	2003	1st Quarter	8.5
CC48	2/1/03	2003	1st Quarter	8.7
CC48	3/9/03	2003	1st Quarter	9.7
CC48	4/24/03	2003	2nd Quarter	23
CC48	5/7/03	2003	2nd Quarter	33
CC48	6/2/03	2003	2nd Quarter	194
CC48	3/3/04	2004	1st Quarter	9.8
CC48	7/6/05	2005	3rd Quarter	77.00
CC48	9/15/05	2005	3rd Quarter	17.00
CC48	10/13/05	2005	4th Quarter	22.00
CC48	11/2/05	2005	4th Quarter	20.00
CC48	12/20/05	2005	4th Quarter	13.00
CC48	1/6/06	2006	1st Quarter	13.00
CC48	1/6/06	2006	1st Quarter	20.00
CC48	2/8/06	2006	1st Quarter	12.00
CC48	3/15/06	2006	1st Quarter	16.00
CC48	5/10/06	2006	2nd Quarter	59.00
CC48	6/6/06	2006	2nd Quarter	142.00
CC48	7/12/06	2006	3rd Quarter	33.00
CC48	7/12/06	2006	3rd Quarter	33.00
CC48	9/6/06	2006	3rd Quarter	20.00
CC48	11/1/06	2006	4th Quarter	38.00
CC48	3/7/07	2007	1st Quarter	14.00
CC48	5/11/07	2007	2nd Quarter	119.00
CC48	7/11/07	2007	3rd Quarter	37.00
CC48	9/5/07	2007	3rd Quarter	20.00
CC48	11/7/07	2007	4th Quarter	20.00
CC48	3/12/08	2008	1st Quarter	13.00
CC48	7/9/08	2008	3rd Quarter	93.00
CC48	9/3/08	2008	3rd Quarter	20.00
CC48	3/3/09	2009	1st Quarter	14.00
CC48	5/13/09	2009	2nd Quarter	308.00
CC48	5/13/09	2009	2nd Quarter	308.00
CC48	5/19/09	2009	2nd Quarter	265.00
CC48	6/16/09	2009	2nd Quarter	61.00
CC48	7/8/09	2009	3rd Quarter	40.00
CC48	7/14/09	2009	3rd Quarter	32.00
CC48	7/14/09	2009	3rd Quarter	28.00
CC48	8/18/09	2009	3rd Quarter	16.00
CC48	9/16/09	2009	3rd Quarter	17.00
CC48	9/16/09	2009	3rd Quarter	17.00
CC48	9/22/09	2009	3rd Quarter	16.00

CC48	11/4/09	2009	4th Quarter	15.00
CC48	11/17/09	2009	4th Quarter	14.00
CC48	3/17/10	2010	1st Quarter	11.00
CC48	4/13/10	2010	2nd Quarter	31.00
CC48	5/5/10	2010	2nd Quarter	70.00
CC48	5/5/10	2010	2nd Quarter	70.00
CC48	6/2/10	2010	2nd Quarter	161.00
CC48	7/8/10	2010	3rd Quarter	26.00
CC48	7/8/10	2010	3rd Quarter	26.00
CC48	7/13/10	2010	3rd Quarter	21.00
CC48	9/9/10	2010	3rd Quarter	17.00
CC48	9/9/10	2010	3rd Quarter	17.00
CC48	9/14/10	2010	3rd Quarter	15.00
CC48	11/2/10	2010	4th Quarter	15.00
CC48	11/3/10	2010	4th Quarter	14.00
CC48	11/3/10	2010	4th Quarter	14.00
CC48	3/9/11	2011	1st Quarter	12.00
CC48	3/15/11	2011	1st Quarter	12.00
CC48	5/4/11	2011	2nd Quarter	19.00
CC48	6/14/11	2011	2nd Quarter	282.00
CC48	7/19/11	2011	3rd Quarter	68.00
CC48	8/16/11	2011	3rd Quarter	21.00
CC48	9/7/11	2011	3rd Quarter	18.00
CC48	9/13/11	2011	3rd Quarter	18.00
CC48	10/18/11	2011	4th Quarter	19.00
CC48	11/2/11	2011	4th Quarter	17.00
CC48	5/15/12	2012	2nd Quarter	68.00
CC48	10/2/12	2012	4th Quarter	14.00
CC48	5/14/13	2013	2nd Quarter	123.00
M34	1/16/96	1996	1st Quarter	19.0
M34	7/1/97	1997	3rd Quarter	524.0
M34	7/9/97	1997	3rd Quarter	246.0
M34	7/14/97	1997	3rd Quarter	293.0
M34	7/30/97	1997	3rd Quarter	380.0
M34	8/10/97	1997	3rd Quarter	311.0
M34	8/12/97	1997	3rd Quarter	217.0
M34	8/13/97	1997	3rd Quarter	192.0
M34	8/25/97	1997	3rd Quarter	106.0
M34	8/25/97	1997	3rd Quarter	106.0
M34	9/11/97	1997	3rd Quarter	86.0
M34	9/25/97	1997	3rd Quarter	181.0
M34	10/22/97	1997	4th Quarter	86.0
M34	11/12/97	1997	4th Quarter	51.0
M34	11/25/97	1997	4th Quarter	40.0
M34	12/23/97	1997	4th Quarter	28.0
M34	1/7/98	1998	1st Quarter	28.0
M34	2/13/98	1998	1st Quarter	19.0
M34	3/5/98	1998	1st Quarter	21.0
M34	3/16/98	1998	1st Quarter	20.0
M34	3/19/98	1998	1st Quarter	21.0
M34	4/22/98	1998	2nd Quarter	36.0
M34	5/5/98	1998	2nd Quarter	165.0
M34	5/7/98	1998	2nd Quarter	111.0

M34	5/28/98	1998	2nd Quarter	400.0
M34	6/2/98	1998	2nd Quarter	528.0
M34	6/10/98	1998	2nd Quarter	243.0
M34	6/25/98	1998	2nd Quarter	400.0
M34	7/1/98	1998	3rd Quarter	382.0
M34	7/9/98	1998	3rd Quarter	269.0
M34	7/22/98	1998	3rd Quarter	137.0
M34	9/9/98	1998	3rd Quarter	51.0
M34	9/30/98	1998	3rd Quarter	42.0
M34	11/3/98	1998	4th Quarter	42.0
M34	1/6/99	1999	1st Quarter	21.0
M34	3/3/99	1999	1st Quarter	20.0
M34	5/6/99	1999	2nd Quarter	41.0
M34	1/5/00	2000	1st Quarter	34.0
M34	3/1/00	2000	1st Quarter	20.0
M34	5/3/00	2000	2nd Quarter	235.0
M34	7/5/00	2000	3rd Quarter	76.0
M34	9/6/00	2000	3rd Quarter	65.0
M34	5/7/03	2003	2nd Quarter	60.0
M34	7/2/03	2003	3rd Quarter	124.0
M34	9/11/03	2003	3rd Quarter	97.0
M34	3/3/04	2004	1st Quarter	18.0
M34	3/3/04	2004	1st Quarter	18.0
M34	5/5/04	2004	2nd Quarter	172.0
M34	5/5/04	2004	2nd Quarter	172.0
M34	7/7/04	2004	3rd Quarter	143.0
M34	7/7/04	2004	3rd Quarter	143.0
M34	9/1/04	2004	3rd Quarter	34.0
M34	10/14/04	2004	4th Quarter	55.0
M34	11/10/04	2004	4th Quarter	50.0
M34	5/4/05	2005	2nd Quarter	51.0
M34	5/4/05	2005	2nd Quarter	51.0
M34	7/6/05	2005	3rd Quarter	392.0
M34	9/15/05	2005	3rd Quarter	45.0
M34	11/2/05	2005	4th Quarter	52.0
M34	1/6/06	2006	1st Quarter	21.0
M34	3/15/06	2006	1st Quarter	19.0
M34	5/10/06	2006	2nd Quarter	100.0
M34	7/12/06	2006	3rd Quarter	120.0
M34	9/6/06	2006	3rd Quarter	49.0
M34	11/1/06	2006	4th Quarter	71.0
M34	3/7/07	2007	1st Quarter	22.0
M34	5/11/07	2007	2nd Quarter	228.0
M34	7/11/07	2007	3rd Quarter	138.0
M34	9/5/07	2007	3rd Quarter	61.0
M34	11/7/07	2007	4th Quarter	44.0
M34	3/12/08	2008	1st Quarter	22.0
M34	7/9/08	2008	3rd Quarter	278.0
M34	9/3/08	2008	3rd Quarter	84.0
M34	3/3/09	2009	1st Quarter	33.0
M34	5/13/09	2009	2nd Quarter	641.0
M34	5/19/09	2009	2nd Quarter	516.0
M34	6/16/09	2009	2nd Quarter	220.0

M34	7/8/09	2009	3rd Quarter	172.0
M34	7/14/09	2009	3rd Quarter	124.0
M34	8/18/09	2009	3rd Quarter	37.0
M34	9/16/09	2009	3rd Quarter	45.0
M34	9/22/09	2009	3rd Quarter	49.0
M34	11/4/09	2009	4th Quarter	25.0
M34	3/3/10	2010	1st Quarter	19.0
M34	5/5/10	2010	2nd Quarter	118.0
M34	7/8/10	2010	3rd Quarter	97.0
M34	11/3/10	2010	4th Quarter	39.0
M34	5/4/11	2011	2nd Quarter	93.0
M34	6/14/11	2011	2nd Quarter	614.0
M34	7/19/11	2011	3rd Quarter	285.0
M34	8/16/11	2011	3rd Quarter	59.0
M34	9/7/11	2011	3rd Quarter	42.0
M34	9/13/11	2011	3rd Quarter	37.0
M34	10/18/11	2011	4th Quarter	50.0
M34	11/2/11	2011	4th Quarter	34.0
M34	5/15/12	2012	2nd Quarter	224.0
M34	10/2/12	2012	4th Quarter	29.0
M34	5/15/13	2013	2nd Quarter	321.0

Row Labels	Sum of Zinc Load (lbs/day)
A68	68414.69
1991	1110.29
3rd Quarter	1041.11
4th Quarter	69.18
1992	4759.38
1st Quarter	48.96
2nd Quarter	3297.46
3rd Quarter	1290.43
4th Quarter	122.52
1993	18153.96
1st Quarter	416.23
2nd Quarter	15510.40
3rd Quarter	1955.14
4th Quarter	272.19
1994	304.66
1st Quarter	166.66
4th Quarter	137.99
1995	122.03
1st Quarter	122.03
1996	616.43
2nd Quarter	357.77
4th Quarter	258.66

1997	13044.69
1st Quarter	720.01
2nd Quarter	9114.12
3rd Quarter	2659.18
4th Quarter	551.38
1998	5061.84
1st Quarter	199.82
2nd Quarter	4049.45
3rd Quarter	812.57
1999	1164.54
2nd Quarter	1164.54
2000	1447.58
1st Quarter	156.31
2nd Quarter	813.81
3rd Quarter	477.46
2003	1104.55
2nd Quarter	281.07
3rd Quarter	823.48
2004	2809.49
1st Quarter	409.63
2nd Quarter	1847.42
3rd Quarter	410.05
4th Quarter	142.38
2005	2285.66
2nd Quarter	976.70
3rd Quarter	675.69
4th Quarter	633.27
2006	1800.95
1st Quarter	514.02
2nd Quarter	477.73
3rd Quarter	514.06
4th Quarter	295.15
2007	1919.03
1st Quarter	91.25
2nd Quarter	1428.55
3rd Quarter	399.23
2008	1497.00
1st Quarter	573.90
3rd Quarter	923.10
2009	5923.91
2nd Quarter	4429.63
3rd Quarter	1338.29
4th Quarter	155.99
2010	2666.44
1st Quarter	61.01



2nd Quarter	1538.74
3rd Quarter	744.68
4th Quarter	322.01
2011	2622.27
1st Quarter	292.83
2nd Quarter	1275.75
3rd Quarter	721.17
4th Quarter	332.53
CC48	31661.61
1994	75.65
4th Quarter	75.65
1995	1974.82
1st Quarter	496.62
2nd Quarter	954.98
3rd Quarter	296.60
4th Quarter	226.61
1996	88.84
1st Quarter	88.84
1997	546.21
3rd Quarter	262.97
4th Quarter	283.24
1998	4107.57
1st Quarter	195.02
2nd Quarter	2930.72
3rd Quarter	828.55
4th Quarter	153.28
1999	1740.97
1st Quarter	161.83
2nd Quarter	987.17
3rd Quarter	247.69
4th Quarter	344.28
2000	158.64
1st Quarter	158.64
2002	370.47
2nd Quarter	45.76
3rd Quarter	150.98
4th Quarter	173.72
2003	1156.12
1st Quarter	123.61
2nd Quarter	1032.52
2004	75.15
1st Quarter	75.15
2005	1195.51
3rd Quarter	514.61
4th Quarter	680.89

2006	3039.52
1st Quarter	801.52
2nd Quarter	949.30
3rd Quarter	899.27
4th Quarter	389.43
2007	1955.89
1st Quarter	224.27
2nd Quarter	847.25
3rd Quarter	609.28
4th Quarter	275.08
2008	1005.37
1st Quarter	208.95
3rd Quarter	796.41
2009	5867.84
1st Quarter	206.91
2nd Quarter	3471.09
3rd Quarter	1763.68
4th Quarter	426.16
2010	4006.85
1st Quarter	161.97
2nd Quarter	1978.65
3rd Quarter	1269.11
4th Quarter	597.12
2011	2927.59
1st Quarter	310.03
2nd Quarter	1070.73
3rd Quarter	1073.20
4th Quarter	473.63
2012	585.76
2nd Quarter	392.45
4th Quarter	193.31
2013	782.85
2nd Quarter	782.85
M34	11248.03
1996	42.02
1st Quarter	42.02
1997	2063.85
3rd Quarter	1664.97
4th Quarter	398.88
1998	2281.68
1st Quarter	266.41
2nd Quarter	1411.75
3rd Quarter	521.98
4th Quarter	81.55
1999	186.52

1st Quarter	102.48
2nd Quarter	84.03
2000	564.57
1st Quarter	108.09
2nd Quarter	291.53
3rd Quarter	164.94
2003	242.60
2nd Quarter	49.00
3rd Quarter	193.60
2004	1645.77
1st Quarter	60.59
2nd Quarter	1155.39
3rd Quarter	289.11
4th Quarter	140.67
2005	423.26
2nd Quarter	173.93
3rd Quarter	180.60
4th Quarter	68.72
2006	412.70
1st Quarter	78.73
2nd Quarter	106.26
3rd Quarter	140.40
4th Quarter	87.31
2007	447.28
1st Quarter	42.13
2nd Quarter	225.05
3rd Quarter	132.17
4th Quarter	47.94
2008	215.35
1st Quarter	41.18
3rd Quarter	174.18
2009	1405.60
1st Quarter	53.22
2nd Quarter	1043.97
3rd Quarter	276.32
4th Quarter	32.09
2010	275.02
1st Quarter	30.64
2nd Quarter	140.02
3rd Quarter	58.07
4th Quarter	46.28
2011	707.73
2nd Quarter	417.84
3rd Quarter	211.24
4th Quarter	78.65

2012	124.58
2nd Quarter	96.90
4th Quarter	27.69
2013	209.50
2nd Quarter	209.50
Grand Total	111324.33

Row Labels	Sum of Zinc Load (lbs/day)
A72	93713.34
1991	
3rd Quarter	2043.00

		Year & Quart
1992		
2nd Quarter	2897.53	
4th Quarter	227.19	
1993		1991 Q1
3rd Quarter	1433.45	1991 Q2
1996		1991 Q3
1st Quarter	1023.82	1991 Q4
2nd Quarter	828.70	1992 Q1
4th Quarter	576.49	1992 Q2
1997		1992 Q3
1st Quarter	1514.69	1992 Q4
2nd Quarter	15547.60	1993 Q1
3rd Quarter	3534.40	1993 Q1
4th Quarter	982.45	1993 Q3
1998		1993 Q4
1st Quarter	466.28	1994 Q1
2nd Quarter	7541.63	1994 Q2
3rd Quarter	1968.24	1994 Q3
1999		1994 Q4
2nd Quarter	2195.76	1995 Q1
2003		1995 Q2
2nd Quarter	694.47	1995 Q3
3rd Quarter	1305.09	1995 Q4
2004		1996 Q1
2nd Quarter	4648.62	1996 Q2
3rd Quarter	1687.57	1996 Q3
4th Quarter	1311.38	1996 Q4
2005		1997 Q1
2nd Quarter	2195.99	1997 Q2
3rd Quarter	2179.35	1997 Q3
4th Quarter	1906.78	1997 Q4
2006		1998 Q1
2nd Quarter	1524.25	1998 Q2
3rd Quarter	1193.04	1998 Q3
4th Quarter	642.24	1998 Q4
2007		1999 Q1
2nd Quarter	1753.18	1999 Q2
3rd Quarter	1169.32	1999 Q3
4th Quarter	476.26	1999 Q4
2008		2000 Q1
3rd Quarter	2133.14	2000 Q2
2009		2000 Q3
2nd Quarter	8337.65	2002 Q2
3rd Quarter	3078.47	2002 Q3
4th Quarter	762.46	2002 Q4

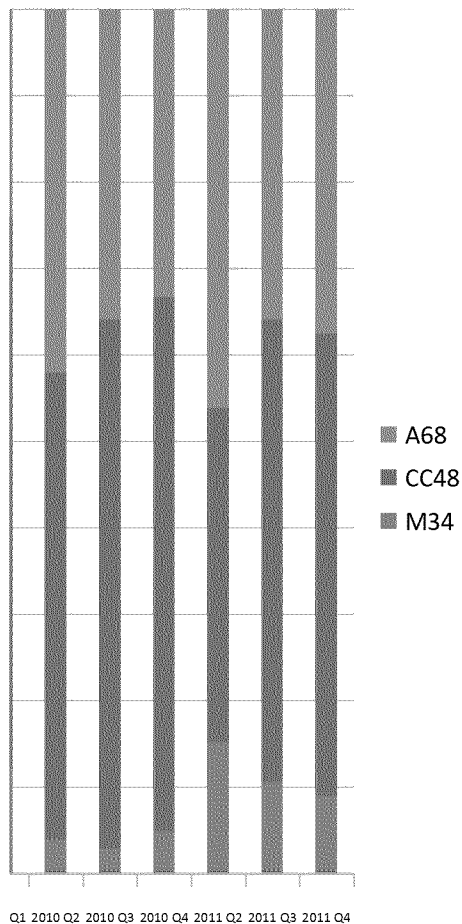
2010	
1st Quarter	320.07
2nd Quarter	2594.24
3rd Quarter	1686.24
4th Quarter	1147.23
2011	
1st Quarter	471.85
2nd Quarter	2635.87
3rd Quarter	2021.13
4th Quarter	951.35
2012	
2nd Quarter	842.61
4th Quarter	289.77
2013	
2nd Quarter	972.46
Grand Total	93713.34

2003 Q1
2003 Q2
2003 Q3
2004 Q1
2004 Q2
2004 Q3
2004 Q4
2005 Q2
2005 Q3
2005 Q4
2006 Q1
2006 Q2
2006 Q3
2006 Q4
2007 Q1
2007 Q2
2007 Q3
2007 Q4
2008 Q1
2008 Q3
2009 Q1
2009 Q2
2009 Q3
2009 Q4
2010 Q1
2010 Q2
2010 Q3
2010 Q4
2011 Q1
2011 Q2
2011 Q3
2011 Q4
2012 Q2
2012 Q4
2013 Q2

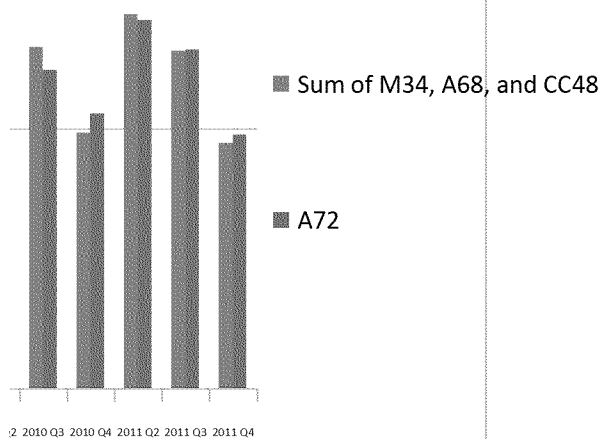
Year & Quarter

1997 Q3
1997 Q4
1998 Q1
1998 Q2
1998 Q3
1999 Q2
2003 Q2
2005 Q3
2005 Q4
2006 Q2
2006 Q3
2006 Q4
2007 Q2
2007 Q3
2008 Q3
2009 Q2
2009 Q3
2009 Q4
2010 Q1
2010 Q2
2010 Q3
2010 Q4
2011 Q2
2011 Q3
2011 Q4

## percentage



## son to A72



Year & Quarter	M34
1997 Q3	1664.97
1997 Q4	398.88
1998 Q1	266.41
1998 Q2	1411.75
1998 Q3	521.98
1999 Q2	84.03
2003 Q2	49.00
2005 Q3	180.60
2005 Q4	68.72
2006 Q2	106.26
2006 Q3	140.40
2006 Q4	87.31
2007 Q2	225.05
2007 Q3	132.17
2008 Q3	174.18
2009 Q2	1043.97
2009 Q3	276.32
2009 Q4	32.09
2010 Q1	30.64
2010 Q2	140.02
2010 Q3	58.07
2010 Q4	46.28
2011 Q2	417.84
2011 Q3	211.24
2011 Q4	78.65



<b>Zinc Total (ug/L)</b>	<b>Zinc Load (lbs/day)</b>
310.00	102.28
410.00	186.87
540.00	296.01
290.00	182.23
400.00	273.72
513.00	69.18
510.00	48.96
482.00	852.73
270.00	707.77
350.00	874.06
380.00	862.90
409.00	421.36
391.00	191.92
894.00	559.36
364.00	117.80
390.00	56.38
420.00	66.15
574.00	49.54
511.00	44.10
504.00	59.81
2030.00	262.78
2390.00	348.06
2455.00	529.67
1663.00	888.01
1540.00	1096.45
1151.00	1179.56
522.00	2086.32
646.00	2501.78
767.00	1236.97
739.00	3615.30
489.00	2028.28
310.00	344.45
330.00	366.67
335.00	399.33
314.00	287.92
354.00	232.95
365.00	163.40
338.00	160.43
396.00	111.07
479.00	85.26
586.00	75.86
583.00	166.66
624.00	137.99
707.00	122.03

<b>Location</b>	<b>Date</b>
A72	9/5/91
A72	9/6/91
A72	9/7/91
A72	9/9/91
A72	9/10/91
A72	6/23/92
A72	6/24/92
A72	10/15/92
A72	7/20/93
A72	7/21/93
A72	1/16/96
A72	1/16/96
A72	4/9/96
A72	10/1/96
A72	11/19/96
A72	1/8/97
A72	1/31/97
A72	2/26/97
A72	2/26/97
A72	3/26/97
A72	4/28/97
A72	5/13/97
A72	5/20/97
A72	5/28/97
A72	6/4/97
A72	6/12/97
A72	6/16/97
A72	6/25/97
A72	7/1/97
A72	7/14/97
A72	8/13/97
A72	9/25/97
A72	10/22/97
A72	11/25/97
A72	12/23/97
A72	2/13/98
A72	3/16/98
A72	4/23/98
A72	5/5/98
A72	5/29/98
A72	6/2/98
A72	6/10/98
A72	6/25/98
A72	7/9/98

1100.00	357.77	A72	7/22/98
431.80	128.10	A72	9/2/98
564.26	130.57	A72	9/30/98
805.55	205.95	A72	6/23/99
1024.87	46.88	A72	5/7/03
938.72	91.65	A72	7/2/03
1543.79	375.54	A72	9/11/03
928.70	478.38	A72	5/5/04
772.32	1803.75	A72	5/5/04
452.23	1253.75	A72	7/7/04
482.44	619.32	A72	7/7/04
373.71	1779.88	A72	9/1/04
390.57	950.09	A72	10/14/04
370.31	1158.48	A72	11/10/04
327.50	1070.46	A72	11/10/04
271.66	857.19	A72	4/9/05
280.71	537.49	A72	5/4/05
255.22	446.02	A72	5/4/05
354.71	443.86	A72	7/6/05
343.83	374.62	A72	8/10/05
460.57	285.69	A72	9/14/05
528.49	126.00	A72	9/15/05
664.10	139.70	A72	10/13/05
647.27	87.28	A72	11/2/05
831.26	112.54	A72	11/2/05
1326.13	371.95	A72	12/20/05
668.59	605.84	A72	4/5/06
344.57	834.48	A72	5/10/06
378.58	1268.07	A72	7/12/06
325.00	338.32	A72	9/6/06
241.12	630.78	A72	11/1/06
230.92	404.80	A72	5/11/07
260.45	198.08	A72	7/11/07
320.00	143.26	A72	9/5/07
362.24	66.43	A72	11/7/07
297.80	1164.54	A72	7/9/08
630.00	98.54	A72	9/3/08
630.00	57.77	A72	9/3/08
460.00	813.81	A72	5/13/09
340.00	168.72	A72	5/13/09
540.00	308.74	A72	5/18/09
549.40	281.07	A72	6/16/09
338.60	377.14	A72	7/8/09
626.90	446.34	A72	7/14/09
672.40	195.85	A72	8/18/09
734.00	213.79	A72	9/16/09
671.00	760.04	A72	9/16/09
960.00	1087.38	A72	9/22/09
326.00	297.69	A72	11/4/09
672.00	112.36	A72	11/17/09
622.00	142.38	A72	3/17/10
1048.03	486.14	A72	4/13/10
1070	490.56	A72	6/2/10

293	576.84
447	98.85
447.7	263.21
535	184.68
537	185.37
756	118.25
1020.2	165.08
972	230.68
521	477.73
355	327.43
474	186.64
608	295.15
769	91.25
412	753.34
256	675.21
288	274.95
360	124.27
1330.00	573.90
296.00	627.45
365.4	135.99
429	159.66
418.4	1268.30
520	1576.28
405	1109.71
324	475.34
288	493.98
283.4	486.09
333	77.23
476	187.42
413	93.56
487.00	67.46
581	88.54
597	61.01
458.00	323.86
464	328.11
318	886.77
270.1	182.11
310.00	209.01
273	119.27
366.00	144.11
380	90.18
441	85.63
371.6	116.25
384.00	120.13
814	184.40
874	108.43
916	172.92
307	1102.82
252	460.78
290	104.80
317	87.20
317	68.39
399	99.00

A72	7/8/10
A72	7/8/10
A72	7/13/10
A72	9/14/10
A72	11/2/10
A72	11/3/10
A72	11/3/10
A72	3/15/11
A72	5/4/11
A72	6/14/11
A72	7/19/11
A72	8/16/11
A72	9/7/11
A72	9/13/11
A72	10/18/11
A72	11/2/11
A72	5/15/12
A72	10/2/12
A72	5/14/13

451	233.53
935	75.65
840	67.96
1140	104.53
1241	140.57
1418	183.56
1570	228.64
1660	214.89
1331	165.12
1420	183.82
1310	162.51
801	172.82
918	123.79
884	85.83
865	79.32
814	61.47
1098	88.84
728.00	129.58
661.00	57.04
674.00	76.34
824.00	168.89
696.00	60.07
671.00	54.29
613.00	46.29
639.00	48.25
705.00	49.43
728.00	51.05
776.00	66.97
782.00	67.49
713.00	165.37
1078.00	465.16
1003.00	438.21
631.00	622.83
817.00	374.57
777.00	389.76
544.00	340.37
577.00	261.43
667.00	194.27
815.00	175.84
704.00	75.94
601.00	58.35
646.00	62.72
711.00	69.03
781.00	84.25
716.00	57.93
671.00	50.67
705.00	53.24
1677.00	208.04
846.00	173.40
584.90	605.72
1700.80	247.69
1685.30	163.62
1833.80	138.48

601.60	42.18
666.50	46.73
1301.60	65.99
654.80	45.91
565.60	45.76
624.80	40.44
634.70	44.50
720.20	66.04
836.30	67.66
736.6	55.62
719.3	50.44
699.3	32.06
1032.8	48.46
823.4	43.08
1353	167.85
1397	248.66
588.7	616.01
1421.8	75.15
707.00	293.63
2410.00	220.98
2321.50	275.48
2193.00	236.57
2408.00	168.85
2400.00	168.29
2551.20	275.21
2384.70	154.35
2360.00	203.67
1280.00	407.34
707.60	541.96
1730.00	307.93
1698.00	302.23
2680.00	289.11
1900.00	389.43
2970.00	224.27
1320.00	847.25
1480.00	295.36
2910.00	313.92
2550.00	275.08
2980.00	208.95
1050.00	526.70
2500.20	269.71
2740.00	206.91
670.00	1113.06
644.10	1070.03
641.00	916.21
1130.00	371.79
1480.00	319.31
1600.00	276.16
1600.00	241.64
2580.00	222.65
2630.00	241.16
2515.00	230.61
2690.00	232.15

2570.00	207.93
2890.00	218.23
2730.00	161.97
1770.00	295.96
1390.00	524.81
1560.20	589.08
655.00	568.80
1650.00	231.39
1500.90	210.48
1720.00	194.82
2370.00	217.31
2338.70	214.44
2480.00	200.65
2600.00	210.36
2690.00	203.13
2431.80	183.63
2360.00	152.75
2430.00	157.28
2270.00	232.63
551.00	838.09
1100.00	403.45
1970.00	223.14
2440.00	236.89
2160.00	209.71
2510.00	257.23
2360.00	216.40
1070.00	392.45
2560.00	193.31
1180.00	782.85
410.0	42.0
73.2	207.0
110.0	146.0
94.1	148.7
84.9	174.0
124.6	209.0
127.6	149.4
139.0	143.9
179.6	102.7
196.3	112.2
240.0	111.3
164.6	160.7
344.6	159.9
370.0	101.8
353.2	76.2
404.1	61.0
410.0	61.9
383.9	39.3
460.0	52.1
578.1	62.4
447.4	50.7
533.5	103.6
258.0	229.6
300.0	179.6

111.6	240.8
116.0	330.5
118.4	155.1
80.0	172.6
83.0	171.0
82.4	119.5
146.5	108.3
240.0	66.0
252.4	57.2
360.0	81.6
400.0	45.3
530.0	57.2
380.0	84.0
360.0	66.0
390.0	42.1
230.0	291.5
180.0	73.8
260.0	91.2
151.4	49.0
111.5	74.6
227.5	119.0
326.0	31.7
298.1	28.9
950.0	881.3
295.4	274.1
157.0	121.1
146.5	113.0
300.0	55.0
194.2	57.6
308.0	83.1
326.0	89.7
306.3	84.3
62.0	131.1
204.0	49.5
245.0	68.7
335.0	37.9
398.0	40.8
197.0	106.3
123.0	79.6
230.0	60.8
228.0	87.3
355.0	42.1
183.0	225.0
98.0	72.9
180.0	59.2
202.0	47.9
347.0	41.2
66.0	99.0
166.0	75.2
299.0	53.2
197.0	681.1
90.0	250.5
94.7	112.4

81.0	75.1
92.0	61.5
194.0	38.7
210.0	51.0
189.0	50.0
238.0	32.1
299.0	30.6
220.0	140.0
111.0	58.1
220.0	46.3
320.0	160.5
77.7	257.3
62.8	96.5
132.0	42.0
172.0	39.0
169.0	33.7
157.0	42.3
198.0	36.3
80.2	96.9
177.0	27.7
121.0	209.5













M34	CC48	A68	A72
	Quarterly Total		Yearly Total
	lbs/day		lbs/day
		1041.11	2043.00
		69.18	
		48.96	
		3297.46	2897.53
		1290.43	
		122.52	227.19
		416.23	
		15510.40	
		1955.14	1433.45
		272.19	
		166.66	
		137.99	
	75.65		
	496.62	122.03	
	954.98		
	296.60		
	226.61		
42.02	88.84		1023.82
		357.77	828.70
		258.66	576.49
		720.01	1514.69
		9114.12	15547.60
1664.97	262.97	2659.18	3534.40
398.88	283.24	551.38	982.45
266.41	195.02	199.82	466.28
1411.75	2930.72	4049.45	7541.63
521.98	828.55	812.57	1968.24
81.55	153.28		
102.48	161.83		
84.03	987.17	1164.54	2195.76
	247.69		
	344.28		
108.09	158.64	156.31	
291.53		813.81	
164.94		477.46	
	45.76		
	150.98		
	173.72		

	123.61		
49.00	1032.52	281.07	694.47
193.60		823.48	1305.09
60.59	75.15	409.63	
1155.39		1847.42	4648.62
289.11		410.05	1687.57
140.67		142.38	1311.38
173.93		976.70	2195.99
180.60	514.61	675.69	2179.35
68.72	680.89	633.27	1906.78
78.73	801.52	514.02	
106.26	949.30	477.73	1524.25
140.40	899.27	514.06	1193.04
87.31	389.43	295.15	642.24
42.13	224.27	91.25	
225.05	847.25	1428.55	1753.18
132.17	609.28	399.23	1169.32
47.94	275.08		476.26
41.18	208.95	573.90	
174.18	796.41	923.10	2133.14
53.22	206.91		
1043.97	3471.09	4429.63	8337.65
276.32	1763.68	1338.29	3078.47
32.09	426.16	155.99	762.46
30.64	161.97	61.01	320.07
140.02	1978.65	1538.74	2594.24
58.07	1269.11	744.68	1686.24
46.28	597.12	322.01	1147.23
	310.03	292.83	471.85
417.84	1070.73	1275.75	2635.87
211.24	1073.20	721.17	2021.13
78.65	473.63	332.53	951.35
96.90	392.45		842.61
27.69	193.31		289.77
209.50	782.85		1944.93

M34	CC48	A68	A72
	Quarterly Total		Yearly Total
	lbs/day		lbs/day

1664.97	262.97	2659.18	3534.40
398.88	283.24	551.38	982.45
266.41	195.02	199.82	466.28
1411.75	2930.72	4049.45	7541.63
521.98	828.55	812.57	1968.24
84.03	987.17	1164.54	2195.76
49.00	1032.52	281.07	694.47
180.60	514.61	675.69	2179.35
68.72	680.89	633.27	1906.78
106.26	949.30	477.73	1524.25
140.40	899.27	514.06	1193.04
87.31	389.43	295.15	642.24
225.05	847.25	1428.55	1753.18
132.17	609.28	399.23	1169.32
174.18	796.41	923.10	2133.14
1043.97	3471.09	4429.63	8337.65
276.32	1763.68	1338.29	3078.47
32.09	426.16	155.99	762.46
30.64	161.97	61.01	320.07
140.02	1978.65	1538.74	2594.24
58.07	1269.11	744.68	1686.24
46.28	597.12	322.01	1147.23
417.84	1070.73	1275.75	2635.87
211.24	1073.20	721.17	2021.13
78.65	473.63	332.53	951.35



CC48	A68	Summed ("Predicted") Zinc Loads of M34, CC48, and A68 for Comparison to A72	A72
Quarterly Total			Yearly Total
lbs/day		lbs/day	lbs/day
262.97	2659.18	4587.12	3534.40
283.24	551.38	1233.51	982.45
195.02	199.82	661.25	466.28
2930.72	4049.45	8391.91	7541.63
828.55	812.57	2163.09	1968.24
987.17	1164.54	2235.74	2195.76
1032.52	281.07	1362.59	694.47
514.61	675.69	1370.91	2179.35
680.89	633.27	1382.88	1906.78
949.30	477.73	1533.28	1524.25
899.27	514.06	1553.73	1193.04
389.43	295.15	771.89	642.24
847.25	1428.55	2500.85	1753.18
609.28	399.23	1140.67	1169.32
796.41	923.10	1893.69	2133.14
3471.09	4429.63	8944.69	8337.65
1763.68	1338.29	3378.29	3078.47
426.16	155.99	614.25	762.46
161.97	61.01	253.63	320.07
1978.65	1538.74	3657.40	2594.24
1269.11	744.68	2071.86	1686.24
597.12	322.01	965.41	1147.23
1070.73	1275.75	2764.32	2635.87
1073.20	721.17	2005.61	2021.13
473.63	332.53	884.80	951.35

Year	Quarter	Flow (cfs)	Zinc Total (ug/L)	Zinc Load (lbs/day)
1991	3rd Quarter	131.0	410.0	289.7
1991	3rd Quarter	185.0	430.0	429.1
1991	3rd Quarter	261.0	350.0	492.7
1991	3rd Quarter	269.0	270.0	391.7
1991	3rd Quarter	263.0	310.0	439.8
1992	2nd Quarter	965.0	240.0	1249.2
1992	2nd Quarter	955.0	320.0	1648.3
1992	4th Quarter	78.0	540.0	227.2
1993	3rd Quarter	464.0	300.0	750.8
1993	3rd Quarter	452.0	280.0	682.6
1996	1st Quarter	64.6	560.0	195.1
1996	1st Quarter	167.0	920.0	828.7
1996	2nd Quarter	167.0	920.0	828.7
1996	4th Quarter	127.0	416.1	285.0
1996	4th Quarter	100.0	540.4	291.5
1997	1st Quarter	55.5	660.2	197.6
1997	1st Quarter	74.0	650.8	259.8
1997	1st Quarter	64.8	721.6	252.2
1997	1st Quarter	64.8	706.1	246.8
1997	1st Quarter	120.0	862.5	558.3
1997	2nd Quarter	214.0	649.3	749.5
1997	2nd Quarter	705.0	664.0	2525.0
1997	2nd Quarter	1190.0	423.0	2715.2
1997	2nd Quarter	547.0	481.3	1420.2
1997	2nd Quarter	1620.0	308.0	2691.3
1997	2nd Quarter	1230.0	311.8	2068.7
1997	2nd Quarter	1250.0	311.4	2099.7
1997	2nd Quarter	1350.0	175.5	1278.0
1997	3rd Quarter	1480.0	181.0	1445.2
1997	3rd Quarter	800.0	189.1	815.8
1997	3rd Quarter	464.0	230.7	577.5
1997	3rd Quarter	464.0	278.1	695.9
1997	4th Quarter	220.0	409.9	486.4
1997	4th Quarter	115.0	410.8	254.8
1997	4th Quarter	86.0	520.0	241.2
1998	1st Quarter	61.3	632.2	209.0
1998	1st Quarter	65.2	731.5	257.2
1998	2nd Quarter	181.0	786.5	767.8
1998	2nd Quarter	459.0	501.8	1242.4
1998	2nd Quarter	1220.0	286.0	1882.1
1998	2nd Quarter	1190.0	264.6	1698.5
1998	2nd Quarter	663.0	261.0	933.3
1998	2nd Quarter	901.0	209.4	1017.5
1998	3rd Quarter	736.0	225.6	895.6

1998	3rd Quarter	357.0	274.8	529.2
1998	3rd Quarter	214.0	256.0	295.5
1998	3rd Quarter	110.0	418.0	248.0
1999	2nd Quarter	1519.0	268.0	2195.8
2003	2nd Quarter	218.1	590.4	694.5
2003	3rd Quarter	363.0	289.3	566.4
2003	3rd Quarter	297.0	461.1	738.7
2004	2nd Quarter	550.0	930.0	2758.9
2004	2nd Quarter	550.0	637.0	1889.7
2004	3rd Quarter	439.0	301.0	712.7
2004	3rd Quarter	439.0	305.5	723.4
2004	3rd Quarter	63.0	740.0	251.5
2004	4th Quarter	148.0	501.6	400.4
2004	4th Quarter	129.0	703.0	489.1
2004	4th Quarter	120.0	651.7	421.8
2005	2nd Quarter	115.0	835.8	518.5
2005	2nd Quarter	181.0	890.0	868.9
2005	2nd Quarter	181.0	828.3	808.7
2005	3rd Quarter	779.0	212.0	890.8
2005	3rd Quarter	286.0	337.6	520.8
2005	3rd Quarter	131.0	527.2	372.5
2005	3rd Quarter	124.0	591.0	395.3
2005	4th Quarter	216.0	561.7	654.4
2005	4th Quarter	131.0	653.0	461.4
2005	4th Quarter	131.0	641.1	453.0
2005	4th Quarter	66.0	949.4	338.0
2006	2nd Quarter	114.0	1008.9	620.4
2006	2nd Quarter	342.0	490.0	903.9
2006	3rd Quarter	334.0	385.0	693.6
2006	3rd Quarter	138.0	671.0	499.5
2006	4th Quarter	167.0	713.0	642.2
2007	2nd Quarter	763.0	426.0	1753.2
2007	3rd Quarter	371.0	341.0	682.4
2007	3rd Quarter	148.0	610.0	486.9
2007	4th Quarter	119.0	742.0	476.3
2008	3rd Quarter	798.0	247.0	1063.1
2008	3rd Quarter	181.0	582.0	568.2
2008	3rd Quarter	181.0	514.0	501.8
2009	2nd Quarter	1490.0	313.0	2515.5
2009	2nd Quarter	1490.0	248.2	1994.7
2009	2nd Quarter	1710.0	306.0	2822.3
2009	2nd Quarter	615.0	303.0	1005.1
2009	3rd Quarter	508.0	295.0	808.3
2009	3rd Quarter	407.0	310.0	680.5
2009	3rd Quarter	104.0	659.0	369.7
2009	3rd Quarter	116.0	647.0	404.8
2009	3rd Quarter	116.0	613.6	383.9
2009	3rd Quarter	123.0	650.0	431.2
2009	4th Quarter	76.0	840.0	344.3
2009	4th Quarter	68.0	1140.0	418.1
2010	1st Quarter	51.6	1150.0	320.1
2010	2nd Quarter	138.0	955.0	710.8
2010	2nd Quarter	1580.0	221.0	1883.4

2010	3rd Quarter	232.0	390.0	488.0
2010	3rd Quarter	232.0	347.1	434.3
2010	3rd Quarter	205.0	393.0	434.5
2010	3rd Quarter	96.0	636.0	329.3
2010	4th Quarter	99.0	786.0	419.7
2010	4th Quarter	110.0	620.0	367.9
2010	4th Quarter	110.0	606.2	359.7
2011	1st Quarter	81.0	1080.0	471.8
2011	2nd Quarter	116.0	903.0	565.0
2011	2nd Quarter	1620.0	237.0	2070.9
2011	3rd Quarter	730.0	251.0	988.3
2011	3rd Quarter	158.0	469.0	399.7
2011	3rd Quarter	114.0	517.0	317.9
2011	3rd Quarter	102.0	573.0	315.2
2011	4th Quarter	125.0	600.0	404.5
2011	4th Quarter	148.0	685.0	546.8
2012	2nd Quarter	535.0	292.0	842.6
2012	4th Quarter	74.0	726.0	289.8
2013	2nd Quarter	398.0	453.0	972.5























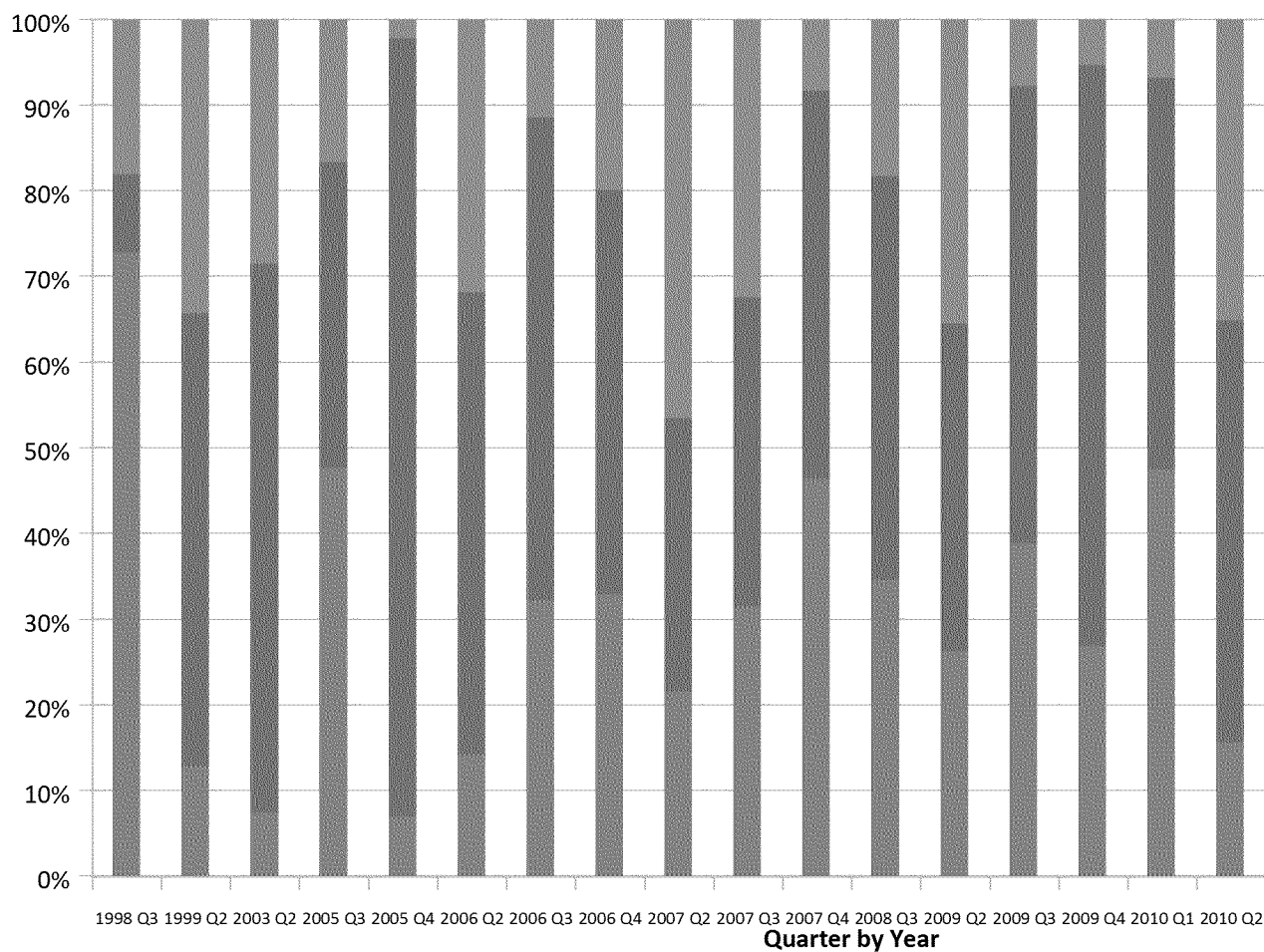




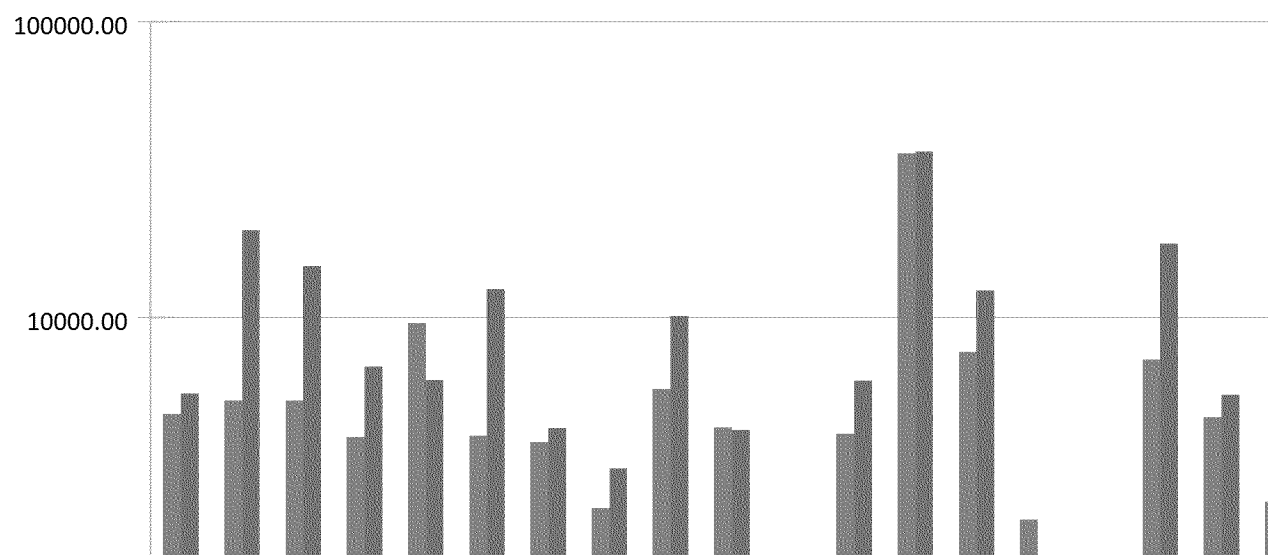


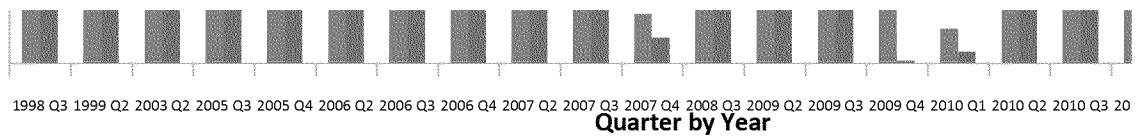


## Aluminum Loads from A68, CC48, and M34 by Pe



## M34, CC48, and A68 Summed for Comparison





### Aluminum Totals and Loads for A68, CC48, and M34

Location	Date	Year	Quarter	Flow (cfs)	Total (ug/L)
A68	9/5/91	1991	3rd Quarter	61.17	79.00
A68	9/6/91	1991	3rd Quarter	84.50	270.00
A68	9/7/91	1991	3rd Quarter	101.63	310.00
A68	9/9/91	1991	3rd Quarter	116.50	110.00
A68	9/10/91	1991	3rd Quarter	126.87	180.00
A68	11/9/94	1994	4th Quarter	114.00	77.00
A68	4/12/95	1995	2nd Quarter	129.00	230.00
A68	6/21/95	1995	2nd Quarter	2120.00	129.00
A68	9/6/95	1995	3rd Quarter	110.00	200.00
A68	11/29/95	1995	4th Quarter	32.00	230.00
A68	4/9/96	1996	2nd Quarter	60.30	300.00
A68	5/21/96	1996	2nd Quarter	757.00	500.00
A68	10/1/96	1996	4th Quarter	55.00	69.00
A68	11/19/96	1996	4th Quarter	42.90	140.51
A68	1/8/97	1997	1st Quarter	47.40	197.04
A68	1/30/97	1997	1st Quarter	8.48	213.32
A68	2/25/97	1997	1st Quarter	18.10	162.21
A68	3/5/97	1997	1st Quarter	29.00	200.00
A68	3/25/97	1997	1st Quarter	45.10	339.18
A68	4/29/97	1997	2nd Quarter	95.50	219.48
A68	5/7/97	1997	2nd Quarter	147.00	300.00
A68	5/14/97	1997	2nd Quarter	433.00	554.88
A68	5/21/97	1997	2nd Quarter	514.00	130.43
A68	5/29/97	1997	2nd Quarter	238.00	94.84
A68	6/5/97	1997	2nd Quarter	883.00	472.61
A68	6/11/97	1997	2nd Quarter	451.00	104.77
A68	6/16/97	1997	2nd Quarter	580.00	67.35
A68	6/26/97	1997	2nd Quarter	606.00	51.46
A68	7/1/97	1997	3rd Quarter	585.00	40.00
A68	7/15/97	1997	3rd Quarter	355.00	40.00
A68	7/30/97	1997	3rd Quarter	324.00	44.78
A68	8/12/97	1997	3rd Quarter	232.00	40.00
A68	9/25/97	1997	3rd Quarter	202.00	124.29

A68	10/22/97	1997	4th Quarter	115.00	40.00
A68	11/12/97	1997	4th Quarter	73.00	100.00
A68	11/25/97	1997	4th Quarter	44.20	40.00
A68	12/23/97	1997	4th Quarter	39.00	114.41
A68	2/12/98	1998	1st Quarter	25.00	147.79
A68	3/16/98	1998	1st Quarter	25.10	145.28
A68	4/23/98	1998	2nd Quarter	52.00	374.27
A68	5/6/98	1998	2nd Quarter	168.00	163.59
A68	5/29/98	1998	2nd Quarter	449.00	344.83
A68	6/2/98	1998	2nd Quarter	621.00	538.77
A68	6/9/98	1998	2nd Quarter	193.00	108.30
A68	6/24/98	1998	2nd Quarter	485.00	137.52
A68	7/1/98	1998	3rd Quarter	508.00	180.00
A68	7/9/98	1998	3rd Quarter	325.00	107.94
A68	7/22/98	1998	3rd Quarter	141.00	95.36
A68	9/2/98	1998	3rd Quarter	83.00	160.00
A68	9/30/98	1998	3rd Quarter	34.00	127.05
A68	1/6/99	1999	1st Quarter	26.00	130.00
A68	3/3/99	1999	1st Quarter	23.00	140.00
A68	5/6/99	1999	2nd Quarter	40.00	390.00
A68	6/23/99	1999	2nd Quarter	725.00	437.00
A68	8/4/99	1999	3rd Quarter	253.00	180.00
A68	9/1/99	1999	3rd Quarter	210.00	100.00
A68	9/16/99	1999	3rd Quarter	91.00	172.00
A68	10/14/99	1999	4th Quarter	58.00	418.00
A68	11/3/99	1999	4th Quarter	21.00	140.00
A68	11/17/99	1999	4th Quarter	18.00	166.00
A68	1/5/00	2000	1st Quarter	29.00	100.00
A68	2/28/00	2000	1st Quarter	17.00	194.00
A68	3/1/00	2000	1st Quarter	17.00	120.00
A68	3/15/00	2000	1st Quarter	20.00	138.00
A68	5/3/00	2000	2nd Quarter	328.00	260.00
A68	7/5/00	2000	3rd Quarter	92.00	90.00
A68	11/1/00	2000	4th Quarter	57.00	190.00
A68	1/3/01	2001	1st Quarter	33.00	45.00
A68	3/14/01	2001	1st Quarter	19.00	20.00
A68	5/2/01	2001	2nd Quarter	301.00	600.00
A68	7/6/01	2001	3rd Quarter	266.00	500.00
A68	1/2/02	2002	1st Quarter	21.00	500.00
A68	3/6/02	2002	1st Quarter	16.00	100.00
A68	6/5/02	2002	2nd Quarter	200.00	23.00
A68	6/27/02	2002	2nd Quarter	51.00	81.00
A68	7/3/02	2002	3rd Quarter	35.00	100.00
A68	7/17/02	2002	3rd Quarter	20.00	136.00
A68	8/14/02	2002	3rd Quarter	28.00	80.00
A68	9/4/02	2002	3rd Quarter	25.00	70.00
A68	9/18/02	2002	3rd Quarter	60.00	86.00
A68	11/12/02	2002	4th Quarter	33.00	121.00
A68	12/8/02	2002	4th Quarter	26.00	147.00
A68	1/8/03	2003	1st Quarter	19.00	157.00
A68	1/9/03	2003	1st Quarter	19.00	108.00
A68	2/1/03	2003	1st Quarter	18.00	124.00
A68	3/9/03	2003	1st Quarter	20.00	164.00

A68	4/24/03	2003	2nd Quarter	55.00	181.00
A68	5/7/03	2003	2nd Quarter	94.85	104.00
A68	5/7/03	2003	2nd Quarter	90.00	140.45
A68	6/2/03	2003	2nd Quarter	743.00	328.00
A68	7/2/03	2003	3rd Quarter	163.00	58.98
A68	7/2/03	2003	3rd Quarter	206.50	80.00
A68	8/14/03	2003	3rd Quarter	129.00	569.00
A68	9/11/03	2003	3rd Quarter	132.00	289.00
A68	9/11/03	2003	3rd Quarter	135.00	309.00
A68	10/4/03	2003	4th Quarter	62.00	133.00
A68	11/6/03	2003	4th Quarter	24.00	150.00
A68	12/29/03	2003	4th Quarter	16.00	147.00
A68	3/3/04	2004	1st Quarter	54.00	127.00
A68	3/3/04	2004	1st Quarter	54.00	128.00
A68	4/16/04	2004	2nd Quarter	69.00	404.00
A68	5/5/04	2004	2nd Quarter	210.00	381.00
A68	5/5/04	2004	2nd Quarter	210.00	383.00
A68	5/28/04	2004	2nd Quarter	591.00	348.00
A68	6/17/04	2004	2nd Quarter	429.00	170.00
A68	7/7/04	2004	3rd Quarter	169.30	102.00
A68	7/7/04	2004	3rd Quarter	174.00	120.00
A68	8/19/04	2004	3rd Quarter	43.00	159.00
A68	9/1/04	2004	3rd Quarter	31.00	134.00
A68	9/15/04	2004	3rd Quarter	46.00	132.00
A68	10/14/04	2004	4th Quarter	61.00	120.00
A68	11/10/04	2004	4th Quarter	42.44	119.00
A68	5/4/05	2005	2nd Quarter	86.00	283.68
A68	5/4/05	2005	2nd Quarter	85.00	306.00
A68	6/9/05	2005	2nd Quarter	498.00	252.00
A68	7/6/05	2005	3rd Quarter	365.00	133.00
A68	7/6/05	2005	3rd Quarter	365.00	144.00
A68	8/10/05	2005	3rd Quarter	109.00	108.00
A68	9/14/05	2005	3rd Quarter	45.00	95.00
A68	9/15/05	2005	3rd Quarter	41.00	110.00
A68	10/13/05	2005	4th Quarter	109.00	184.00
A68	11/2/05	2005	4th Quarter	64.00	113.00
A68	11/2/05	2005	4th Quarter	64.00	126.00
A68	12/20/05	2005	4th Quarter	31.00	135.00
A68	1/6/06	2006	1st Quarter	29.00	131.00
A68	1/6/06	2006	1st Quarter	29.00	137.00
A68	2/8/06	2006	1st Quarter	30.00	213.00
A68	3/15/06	2006	1st Quarter	44.00	162.00
A68	3/15/06	2006	1st Quarter	44.00	173.00
A68	4/5/06	2006	2nd Quarter	43.00	317.00
A68	5/10/06	2006	2nd Quarter	170.00	145.00
A68	5/10/06	2006	2nd Quarter	170.00	160.00
A68	6/6/06	2006	2nd Quarter	624.00	272.00
A68	7/12/06	2006	3rd Quarter	171.00	141.00
A68	7/12/06	2006	3rd Quarter	171.00	142.00
A68	8/2/06	2006	3rd Quarter	137.00	161.00
A68	9/6/06	2006	3rd Quarter	73.00	27.00
A68	9/6/06	2006	3rd Quarter	73.00	109.00
A68	10/11/06	2006	4th Quarter	267.00	194.00

A68	11/1/06	2006	4th Quarter	90.00	133.00
A68	11/1/06	2006	4th Quarter	90.00	166.00
A68	12/5/06	2006	4th Quarter	43.00	119.00
A68	1/11/07	2007	1st Quarter	26.00	130.00
A68	2/6/07	2007	1st Quarter	22.00	170.00
A68	3/7/07	2007	1st Quarter	22.00	126.00
A68	3/7/07	2007	1st Quarter	22.00	137.00
A68	4/2/07	2007	2nd Quarter	59.00	200.00
A68	5/11/07	2007	2nd Quarter	339.00	202.00
A68	5/11/07	2007	2nd Quarter	339.00	246.00
A68	6/5/07	2007	2nd Quarter	744.00	339.00
A68	6/14/07	2007	2nd Quarter	489.00	160.00
A68	7/11/07	2007	3rd Quarter	177.00	105.00
A68	7/11/07	2007	3rd Quarter	177.00	131.00
A68	8/6/07	2007	3rd Quarter	305.00	650.00
A68	9/5/07	2007	3rd Quarter	64.00	100.00
A68	9/5/07	2007	3rd Quarter	64.00	141.00
A68	10/25/07	2007	4th Quarter	90.00	152.00
A68	11/7/07	2007	4th Quarter	54.00	108.00
A68	12/5/07	2007	4th Quarter	25.00	132.00
A68	1/2/08	2008	1st Quarter	33.00	20.00
A68	1/2/08	2008	1st Quarter	33.00	97.00
A68	3/12/08	2008	1st Quarter	80.00	273.00
A68	4/10/08	2008	2nd Quarter	32.00	530.00
A68	5/7/08	2008	2nd Quarter	164.00	260.00
A68	5/7/08	2008	2nd Quarter	164.00	301.00
A68	6/3/08	2008	2nd Quarter	760.00	1119.00
A68	7/9/08	2008	3rd Quarter	398.00	126.00
A68	7/9/08	2008	3rd Quarter	393.00	146.00
A68	8/5/08	2008	3rd Quarter	136.00	116.00
A68	9/3/08	2008	3rd Quarter	69.00	100.00
A68	9/3/08	2008	3rd Quarter	69.00	102.00
A68	10/6/08	2008	4th Quarter	40.00	119.00
A68	11/7/08	2008	4th Quarter	27.00	80.00
A68	11/7/08	2008	4th Quarter	27.00	138.00
A68	12/3/08	2008	4th Quarter	20.00	128.00
A68	3/4/09	2009	1st Quarter	33.00	225.00
A68	3/4/09	2009	1st Quarter	33.00	243.00
A68	4/6/09	2009	2nd Quarter	44.00	341.00
A68	5/13/09	2009	2nd Quarter	562.00	1455.00
A68	5/13/09	2009	2nd Quarter	562.00	1630.00
A68	5/19/09	2009	2nd Quarter	508.00	1010.00
A68	6/2/09	2009	2nd Quarter	369.00	145.00
A68	6/16/09	2009	2nd Quarter	272.00	165.00
A68	7/8/09	2009	3rd Quarter	318.00	75.00
A68	7/8/09	2009	3rd Quarter	206.00	96.00
A68	7/14/09	2009	3rd Quarter	145.00	117.00
A68	8/12/09	2009	3rd Quarter	318.00	68.00
A68	8/18/09	2009	3rd Quarter	43.00	120.00
A68	9/16/09	2009	3rd Quarter	49.00	87.00
A68	9/16/09	2009	3rd Quarter	73.00	181.00
A68	9/22/09	2009	3rd Quarter	42.00	134.00
A68	10/5/09	2009	4th Quarter	35.00	124.00

A68	11/4/09	2009	4th Quarter	25.68	120.00
A68	11/5/09	2009	4th Quarter	27.00	181.00
A68	11/17/09	2009	4th Quarter	28.25	189.00
A68	12/1/09	2009	4th Quarter	22.00	140.00
A68	2/17/10	2010	1st Quarter	29.00	269.00
A68	3/2/10	2010	1st Quarter	28.00	196.00
A68	3/17/10	2010	1st Quarter	18.95	177.00
A68	4/16/10	2010	2nd Quarter	92.00	317.00
A68	5/5/10	2010	2nd Quarter	131.10	140.00
A68	5/5/10	2010	2nd Quarter	131.10	159.00
A68	6/2/10	2010	2nd Quarter	517.00	348.00
A68	6/2/10	2010	2nd Quarter	624.00	353.00
A68	7/8/10	2010	3rd Quarter	125.00	60.00
A68	7/8/10	2010	3rd Quarter	125.00	73.00
A68	7/13/10	2010	3rd Quarter	81.00	100.00
A68	8/10/10	2010	3rd Quarter	92.00	158.00
A68	9/9/10	2010	3rd Quarter	57.00	88.00
A68	9/9/10	2010	3rd Quarter	73.00	90.00
A68	9/14/10	2010	3rd Quarter	44.00	124.00
A68	10/4/10	2010	4th Quarter	39.00	78.00
A68	11/2/10	2010	4th Quarter	36.00	101.00
A68	11/3/10	2010	4th Quarter	58.00	79.00
A68	11/3/10	2010	4th Quarter	58.00	80.00
A68	12/7/10	2010	4th Quarter	27.00	115.00
A68	1/5/11	2011	1st Quarter	26.00	75.00
A68	2/11/11	2011	1st Quarter	22.00	176.00
A68	3/9/11	2011	1st Quarter	14.00	93.00
A68	3/9/11	2011	1st Quarter	42.00	280.00
A68	3/15/11	2011	1st Quarter	23.00	275.00
A68	4/6/11	2011	2nd Quarter	45.00	454.00
A68	5/4/11	2011	2nd Quarter	35.00	308.00
A68	5/8/11	2011	2nd Quarter	133.00	447.00
A68	6/3/11	2011	2nd Quarter	457.00	299.00
A68	6/14/11	2011	2nd Quarter	666.00	540.00
A68	7/5/11	2011	3rd Quarter	445.00	140.00
A68	7/19/11	2011	3rd Quarter	339.00	217.00
A68	8/1/11	2011	3rd Quarter	172.00	76.00
A68	8/16/11	2011	3rd Quarter	67.00	100.00
A68	9/7/11	2011	3rd Quarter	49.00	52.00
A68	9/7/11	2011	3rd Quarter	51.00	72.00
A68	9/13/11	2011	3rd Quarter	40.00	100.00
A68	10/7/11	2011	4th Quarter	45.00	107.00
A68	10/18/11	2011	4th Quarter	46.00	100.00
A68	11/2/11	2011	4th Quarter	96.00	96.00
CC48	9/2/98	1998	3rd Quarter	17.00	4705.00
CC48	6/23/99	1999	2nd Quarter	170.00	3012.00
CC48	9/13/99	1999	3rd Quarter	27.00	4282.00
CC48	10/14/99	1999	4th Quarter	18.00	5492.00
CC48	11/17/99	1999	4th Quarter	14.00	6293.00
CC48	12/15/99	1999	4th Quarter	13.00	5313.00
CC48	1/12/00	2000	1st Quarter	14.00	5519.00
CC48	2/28/00	2000	1st Quarter	9.40	6028.00
CC48	3/15/00	2000	1st Quarter	13.00	5691.00

CC48	6/27/02	2002	2nd Quarter	20.00	4471.00
CC48	7/17/02	2002	3rd Quarter	12.00	5337.00
CC48	8/14/02	2002	3rd Quarter	13.00	5135.00
CC48	9/18/02	2002	3rd Quarter	17.00	4050.00
CC48	10/25/02	2002	4th Quarter	15.00	6834.00
CC48	11/12/02	2002	4th Quarter	14.00	5340.00
CC48	12/8/02	2002	4th Quarter	13.00	5883.00
CC48	1/8/03	2003	1st Quarter	8.50	6314.00
CC48	2/1/03	2003	1st Quarter	8.70	7202.00
CC48	3/9/03	2003	1st Quarter	9.70	6548.00
CC48	4/24/03	2003	2nd Quarter	23.00	5267.00
CC48	5/7/03	2003	2nd Quarter	33.00	4253.00
CC48	6/2/03	2003	2nd Quarter	194.00	1850.00
CC48	3/3/04	2004	1st Quarter	9.80	6345.00
CC48	7/6/05	2005	3rd Quarter	77.00	1890.00
CC48	9/15/05	2005	3rd Quarter	17.00	6770.00
CC48	10/13/05	2005	4th Quarter	17.00	10670.00
CC48	11/2/05	2005	4th Quarter	211.00	6288.00
CC48	12/20/05	2005	4th Quarter	13.00	7668.00
CC48	1/6/06	2006	1st Quarter	20.00	7062.00
CC48	1/6/06	2006	1st Quarter	13.00	7070.00
CC48	2/8/06	2006	1st Quarter	13.00	8514.00
CC48	3/15/06	2006	1st Quarter	16.00	7420.00
CC48	5/10/06	2006	2nd Quarter	59.00	2930.00
CC48	6/6/06	2006	2nd Quarter	142.00	1591.00
CC48	7/12/06	2006	3rd Quarter	33.00	3860.00
CC48	7/12/06	2006	3rd Quarter	33.00	4269.00
CC48	9/6/06	2006	3rd Quarter	20.00	6350.00
CC48	11/1/06	2006	4th Quarter	38.00	5220.00
CC48	3/7/07	2007	1st Quarter	14.00	8100.00
CC48	5/11/07	2007	2nd Quarter	119.00	2850.00
CC48	7/11/07	2007	3rd Quarter	37.00	4010.00
CC48	9/5/07	2007	3rd Quarter	20.00	6800.00
CC48	11/7/07	2007	4th Quarter	20.00	6180.00
CC48	3/12/08	2008	1st Quarter	40.00	7860.00
CC48	7/9/08	2008	3rd Quarter	125.00	2330.00
CC48	9/3/08	2008	3rd Quarter	10.00	6247.00
CC48	3/3/09	2009	1st Quarter	12.00	8390.00
CC48	5/13/09	2009	2nd Quarter	292.00	3190.00
CC48	5/13/09	2009	2nd Quarter	292.00	3560.00
CC48	5/19/09	2009	2nd Quarter	227.00	1780.00
CC48	6/16/09	2009	2nd Quarter	58.00	2920.00
CC48	7/8/09	2009	3rd Quarter	43.00	3300.00
CC48	7/14/09	2009	3rd Quarter	28.00	4120.00
CC48	8/18/09	2009	3rd Quarter	18.00	7110.00
CC48	9/16/09	2009	3rd Quarter	17.00	6590.00
CC48	9/16/09	2009	3rd Quarter	17.00	7689.00
CC48	9/22/09	2009	3rd Quarter	18.00	7050.00
CC48	11/4/09	2009	4th Quarter	18.00	7800.00
CC48	11/17/09	2009	4th Quarter	15.30	7850.00
CC48	3/17/10	2010	1st Quarter	13.70	8100.00
CC48	4/13/10	2010	2nd Quarter	26.40	5010.00



CC48	5/5/10	2010	2nd Quarter	40.00	3340.00
CC48	5/5/10	2010	2nd Quarter	40.00	3804.00
CC48	6/2/10	2010	2nd Quarter	137.00	1750.00
CC48	7/8/10	2010	3rd Quarter	25.00	4450.00
CC48	7/8/10	2010	3rd Quarter	25.00	4680.00
CC48	7/13/10	2010	3rd Quarter	21.00	5270.00
CC48	9/9/10	2010	3rd Quarter	17.00	6940.00
CC48	9/9/10	2010	3rd Quarter	17.00	7070.00
CC48	9/14/10	2010	3rd Quarter	15.00	7230.00
CC48	11/2/10	2010	4th Quarter	15.00	7930.00
CC48	11/3/10	2010	4th Quarter	14.00	6957.00
CC48	11/3/10	2010	4th Quarter	14.00	7110.00
CC48	3/9/11	2011	1st Quarter	12.00	7560.00
CC48	3/15/11	2011	1st Quarter	14.94	7540.00
CC48	5/4/11	2011	2nd Quarter	30.00	6280.00
CC48	6/14/11	2011	2nd Quarter	216.00	1610.00
CC48	7/19/11	2011	3rd Quarter	65.00	2710.00
CC48	8/16/11	2011	3rd Quarter	20.00	5830.00
CC48	9/7/11	2011	3rd Quarter	17.00	6300.00
CC48	9/13/11	2011	3rd Quarter	17.00	6770.00
CC48	10/18/11	2011	4th Quarter	18.00	6810.00
CC48	11/2/11	2011	4th Quarter	17.00	7040.00
CC48	5/15/12	2012	2nd Quarter	59.00	2690.00
CC48	10/2/12	2012	4th Quarter	14.00	7670.00
CC48	5/14/13	2013	2nd Quarter	91.00	2690.00
M34	9/5/91	1991	3rd Quarter	34.00	2200.00
M34	9/6/91	1991	3rd Quarter	89.00	3000.00
M34	9/7/91	1991	3rd Quarter	118.00	1400.00
M34	9/9/91	1991	3rd Quarter	112.00	900.00
M34	9/10/91	1991	3rd Quarter	108.00	1200.00
M34	11/9/94	1994	4th Quarter	36.00	2900.00
M34	4/12/95	1995	2nd Quarter	42.00	5300.00
M34	6/21/95	1995	2nd Quarter	770.00	4007.00
M34	8/8/95	1995	3rd Quarter	260.00	520.00
M34	8/8/95	1995	3rd Quarter	290.00	720.00
M34	9/6/95	1995	3rd Quarter	93.00	1280.00
M34	10/5/95	1995	4th Quarter	46.00	1900.00
M34	10/5/95	1995	4th Quarter	48.00	1900.00
M34	11/29/95	1995	4th Quarter	24.00	3885.00
M34	1/16/96	1996	1st Quarter	16.00	4100.00
M34	4/9/96	1996	2nd Quarter	58.00	2500.00
M34	5/21/96	1996	2nd Quarter	524.00	500.00
M34	7/16/96	1996	3rd Quarter	75.00	1200.00
M34	8/14/96	1996	3rd Quarter	36.00	2500.00
M34	11/19/96	1996	4th Quarter	35.20	3142.41
M34	1/3/97	1997	1st Quarter	26.30	4731.93
M34	1/7/97	1997	1st Quarter	23.00	3800.00
M34	1/30/97	1997	1st Quarter	25.80	5136.83
M34	2/25/97	1997	1st Quarter	20.90	4847.30
M34	3/5/97	1997	1st Quarter	21.00	4400.00
M34	3/25/97	1997	1st Quarter	40.40	2935.77
M34	4/29/97	1997	2nd Quarter	68.70	1818.84

M34	5/7/97	1997	2nd Quarter	151.00	1500.00
M34	5/13/97	1997	2nd Quarter	210.00	1134.59
M34	5/20/97	1997	2nd Quarter	273.00	623.65
M34	5/28/97	1997	2nd Quarter	171.00	742.34
M34	6/5/97	1997	2nd Quarter	752.00	976.78
M34	6/12/97	1997	2nd Quarter	494.00	377.43
M34	6/17/97	1997	2nd Quarter	468.00	339.19
M34	6/26/97	1997	2nd Quarter	445.00	317.48
M34	7/1/97	1997	3rd Quarter	487.00	309.27
M34	7/9/97	1997	3rd Quarter	246.00	460.00
M34	7/14/97	1997	3rd Quarter	242.00	362.91
M34	7/30/97	1997	3rd Quarter	393.00	723.54
M34	8/10/97	1997	3rd Quarter	445.00	1492.13
M34	8/12/97	1997	3rd Quarter	204.00	541.39
M34	8/25/97	1997	3rd Quarter	90.00	1065.01
M34	8/25/97	1997	3rd Quarter	94.00	1100.49
M34	9/11/97	1997	3rd Quarter	86.00	1500.00
M34	9/25/97	1997	3rd Quarter	181.00	670.41
M34	10/22/97	1997	4th Quarter	83.10	1257.88
M34	11/12/97	1997	4th Quarter	51.00	3000.00
M34	11/25/97	1997	4th Quarter	38.70	2981.59
M34	12/23/97	1997	4th Quarter	14.80	3948.17
M34	1/7/98	1998	1st Quarter	24.00	3800.00
M34	2/13/98	1998	1st Quarter	29.20	5418.67
M34	3/5/98	1998	1st Quarter	21.00	4900.00
M34	3/16/98	1998	1st Quarter	19.40	5139.34
M34	3/19/98	1998	1st Quarter	25.00	5104.24
M34	4/22/98	1998	2nd Quarter	29.40	3413.00
M34	5/5/98	1998	2nd Quarter	157.00	1135.56
M34	5/7/98	1998	2nd Quarter	11.00	1300.00
M34	5/28/98	1998	2nd Quarter	424.00	789.22
M34	6/2/98	1998	2nd Quarter	618.00	1512.13
M34	6/10/98	1998	2nd Quarter	197.00	462.19
M34	6/25/98	1998	2nd Quarter	300.00	382.82
M34	7/1/98	1998	3rd Quarter	382.00	440.00
M34	7/9/98	1998	3rd Quarter	254.00	447.48
M34	7/22/98	1998	3rd Quarter	119.00	995.83
M34	9/9/98	1998	3rd Quarter	51.00	2000.00
M34	9/30/98	1998	3rd Quarter	45.40	2890.73
M34	11/3/98	1998	4th Quarter	40.00	2900.00
M34	1/6/99	1999	1st Quarter	21.00	4100.00
M34	3/3/99	1999	1st Quarter	20.00	4500.00
M34	5/6/99	1999	2nd Quarter	41.00	3000.00
M34	1/5/00	2000	1st Quarter	34.00	4300.00
M34	3/1/00	2000	1st Quarter	20.00	5400.00
M34	5/3/00	2000	2nd Quarter	235.00	1000.00
M34	7/5/00	2000	3rd Quarter	76.00	1400.00
M34	9/6/00	2000	3rd Quarter	65.00	2700.00
M34	5/7/03	2003	2nd Quarter	65.21	1082.00

M34	7/2/03	2003	3rd Quarter	92.30	684.00
M34	9/11/03	2003	3rd Quarter	89.98	1309.00
M34	3/3/04	2004	1st Quarter	45.00	3112.00
M34	3/3/04	2004	1st Quarter	45.00	4720.00
M34	5/5/04	2004	2nd Quarter	154.60	894.00
M34	5/5/04	2004	2nd Quarter	154.60	1190.00
M34	7/7/04	2004	3rd Quarter	129.40	520.00
M34	7/7/04	2004	3rd Quarter	129.40	699.00
M34	9/1/04	2004	3rd Quarter	35.17	3300.00
M34	10/14/04	2004	4th Quarter	55.00	1875.00
M34	11/10/04	2004	4th Quarter	47.10	2000.00
M34	5/4/05	2005	2nd Quarter	51.00	1585.00
M34	5/4/05	2005	2nd Quarter	51.00	1750.00
M34	7/6/05	2005	3rd Quarter	392.00	422.00
M34	9/15/05	2005	3rd Quarter	45.00	2010.00
M34	9/15/05	2005	3rd Quarter	45.00	2010.00
M34	11/2/05	2005	4th Quarter	52.00	2350.00
M34	1/6/06	2006	1st Quarter	21.00	3360.00
M34	3/15/06	2006	1st Quarter	19.00	3650.00
M34	5/10/06	2006	2nd Quarter	100.00	1040.00
M34	7/12/06	2006	3rd Quarter	120.00	870.00
M34	9/6/06	2006	3rd Quarter	49.00	2470.00
M34	11/1/06	2006	4th Quarter	71.00	1940.00
M34	3/7/07	2007	1st Quarter	22.00	4680.00
M34	5/11/07	2007	2nd Quarter	228.00	1000.00
M34	7/11/07	2007	3rd Quarter	138.00	862.00
M34	9/5/07	2007	3rd Quarter	61.00	2100.00
M34	11/7/07	2007	4th Quarter	44.00	2870.00
M34	3/12/08	2008	1st Quarter	80.00	4970.00
M34	7/9/08	2008	3rd Quarter	260.80	473.00
M34	9/3/08	2008	3rd Quarter	86.00	1570.00
M34	3/3/09	2009	1st Quarter	25.00	4600.00
M34	5/13/09	2009	2nd Quarter	636.00	1740.00
M34	5/19/09	2009	2nd Quarter	416.00	1130.00
M34	6/16/09	2009	2nd Quarter	212.00	773.00
M34	7/8/09	2009	3rd Quarter	187.00	598.00
M34	7/14/09	2009	3rd Quarter	119.00	933.00
M34	8/18/09	2009	3rd Quarter	41.00	2630.00
M34	9/16/09	2009	3rd Quarter	30.00	2820.00
M34	9/22/09	2009	3rd Quarter	53.00	2480.00
M34	11/4/09	2009	4th Quarter	30.00	3430.00
M34	3/3/10	2010	1st Quarter	25.00	4600.00
M34	5/5/10	2010	2nd Quarter	130.00	1590.00
M34	7/8/10	2010	3rd Quarter	109.00	1010.00

<b>M34</b>	11/3/10	2010	4th Quarter	38.00	2810.00
<b>M34</b>	5/4/11	2011	2nd Quarter	43.00	2890.00
<b>M34</b>	6/14/11	2011	2nd Quarter	515.00	2200.00
<b>M34</b>	7/19/11	2011	3rd Quarter	266.00	563.00
<b>M34</b>	8/16/11	2011	3rd Quarter	66.00	1600.00
<b>M34</b>	9/7/11	2011	3rd Quarter	48.00	2300.00
<b>M34</b>	9/13/11	2011	3rd Quarter	37.00	2610.00
<b>M34</b>	10/18/11	2011	4th Quarter	50.00	2170.00
<b>M34</b>	11/2/11	2011	4th Quarter	35.00	3320.00
<b>M34</b>	5/15/12	2012	2nd Quarter	194.00	824.00
<b>M34</b>	10/2/12	2012	4th Quarter	30.00	3390.00
<b>M34</b>	5/15/13	2013	2nd Quarter	185.00	1270.00

Row Labels	Sum of Load (lbs/day)
A68	60442.79
1991	511.35
3rd Quarter	511.35
1994	47.35
4th Quarter	47.35
1995	1793.48
2nd Quarter	1635.12
3rd Quarter	118.66
4th Quarter	39.70
1996	2192.10
2nd Quarter	2139.12
4th Quarter	52.98
1997	5768.92
1st Quarter	189.76
2nd Quarter	5014.85
3rd Quarter	466.52
4th Quarter	97.79
1998	4254.92
1st Quarter	39.60
2nd Quarter	3365.44
3rd Quarter	849.88
1999	2434.69
1st Quarter	35.60
2nd Quarter	1793.02
3rd Quarter	443.32
4th Quarter	162.74
2000	622.38
1st Quarter	59.32
2nd Quarter	459.98

3rd Quarter	44.66
4th Quarter	58.41
2001	1701.55
1st Quarter	10.06
2nd Quarter	974.11
3rd Quarter	717.37
2002	237.41
1st Quarter	65.26
2nd Quarter	47.09
3rd Quarter	82.90
4th Quarter	42.15
2003	2590.66
1st Quarter	56.89
2nd Quarter	1489.56
3rd Quarter	967.63
4th Quarter	76.58
2004	2957.22
1st Quarter	74.27
2nd Quarter	2518.43
3rd Quarter	297.80
4th Quarter	66.72
2005	1818.25
2nd Quarter	948.78
3rd Quarter	656.22
4th Quarter	213.25
2006	2310.23
1st Quarter	155.89
2nd Quarter	1268.66
3rd Quarter	433.54
4th Quarter	452.13
2007	4235.68
1st Quarter	69.61
2nd Quarter	2665.21
3rd Quarter	1377.82
4th Quarter	123.04
2008	6124.90
1st Quarter	138.63
2nd Quarter	5174.80
3rd Quarter	740.24
4th Quarter	71.23
2009	13521.59
1st Quarter	83.30
2nd Quarter	12730.59
3rd Quarter	595.90
4th Quarter	111.80

2010	3023.22
1st Quarter	89.77
2nd Quarter	2527.26
3rd Quarter	303.69
4th Quarter	102.51
2011	4296.89
1st Quarter	135.97
2nd Quarter	3165.84
3rd Quarter	894.58
4th Quarter	100.49
CC48	80189.95
1998	431.42
3rd Quarter	431.42
1999	4766.37
2nd Quarter	2761.83
3rd Quarter	623.60
4th Quarter	1380.95
2000	1121.43
1st Quarter	1121.43
2002	2927.84
2nd Quarter	482.31
3rd Quarter	1076.86
4th Quarter	1368.66
2003	4316.27
1st Quarter	970.03
2nd Quarter	3346.24
2004	335.39
1st Quarter	335.39
2005	10078.05
3rd Quarter	1405.72
4th Quarter	8672.33
2006	7847.72
1st Quarter	2494.90
2nd Quarter	2150.99
3rd Quarter	2131.93
4th Quarter	1069.91
2007	4641.45
1st Quarter	611.65
2nd Quarter	1829.30
3rd Quarter	1533.83
4th Quarter	666.67
2008	3603.69
1st Quarter	1695.80
3rd Quarter	1907.88
2009	19743.83

1st Quarter	543.04
2nd Quarter	13724.02
3rd Quarter	4071.67
4th Quarter	1405.10
2010	9547.90
1st Quarter	598.55
2nd Quarter	3547.88
3rd Quarter	3697.65
4th Quarter	1703.83
2011	8073.03
1st Quarter	1096.94
2nd Quarter	2891.92
3rd Quarter	2777.47
4th Quarter	1306.69
2012	1435.23
2nd Quarter	856.05
4th Quarter	579.18
2013	1320.34
2nd Quarter	1320.34
M34	131386.54
1991	3977.37
3rd Quarter	3977.37
1994	563.11
4th Quarter	563.11
1995	21806.31
2nd Quarter	17842.54
3rd Quarter	2497.53
4th Quarter	1466.24
1996	4116.59
1st Quarter	353.83
2nd Quarter	2195.26
3rd Quarter	970.88
4th Quarter	596.62
1997	27270.96
1st Quarter	3542.06
2nd Quarter	11369.69
3rd Quarter	10032.61
4th Quarter	2326.60
1998	16704.88
1st Quarter	3126.41
2nd Quarter	9535.93
3rd Quarter	3416.86
4th Quarter	625.68
1999	1613.28
1st Quarter	949.84

2nd Quarter	663.43
2000	4159.14
1st Quarter	1371.10
2nd Quarter	1267.54
3rd Quarter	1520.50
2003	1356.39
2nd Quarter	380.57
3rd Quarter	975.82
2004	6179.92
1st Quarter	1900.98
2nd Quarter	1737.80
3rd Quarter	1476.81
4th Quarter	1064.33
2005	3444.51
2nd Quarter	917.40
3rd Quarter	1867.99
4th Quarter	659.12
2006	3274.45
1st Quarter	754.64
2nd Quarter	560.95
3rd Quarter	1215.92
4th Quarter	742.94
2007	3798.81
1st Quarter	555.34
2nd Quarter	1229.78
3rd Quarter	1332.56
4th Quarter	681.13
2008	3538.20
1st Quarter	2144.56
3rd Quarter	1393.63
2009	13512.58
1st Quarter	620.28
2nd Quarter	9388.37
3rd Quarter	2948.90
4th Quarter	555.02
2010	2904.92
1st Quarter	620.28
2nd Quarter	1114.89
3rd Quarter	593.80
4th Quarter	575.95
2011	10487.10
2nd Quarter	6781.43
3rd Quarter	2493.69
4th Quarter	1211.98
2012	1410.77



2nd Quarter	862.23
4th Quarter	548.55
2013	1267.27
2nd Quarter	1267.27
Grand Total	272019.28

Row Labels	Sum of Load (lbs/day)
1991	6757.37
3rd Quarter	6757.37
1995	3776.72
1st Quarter	1298.82
2nd Quarter	1658.04
4th Quarter	819.85
1996	13852.48
1st Quarter	801.41
2nd Quarter	9180.20
3rd Quarter	907.77
4th Quarter	2963.10
1997	46412.15
1st Quarter	5592.98
2nd Quarter	30943.71
3rd Quarter	5893.51
4th Quarter	3981.95
1998	25558.04
1st Quarter	2185.01
2nd Quarter	16506.95
3rd Quarter	5517.26
4th Quarter	1348.81
1999	22594.93
2nd Quarter	19689.43
3rd Quarter	1859.20
4th Quarter	1046.30
2000	20794.86
2nd Quarter	18057.74
3rd Quarter	1115.14
4th Quarter	1621.99
2001	8383.26
2nd Quarter	6042.18
3rd Quarter	1394.33
4th Quarter	946.76
2002	4747.19
2nd Quarter	2601.15
3rd Quarter	823.74
4th Quarter	1322.30

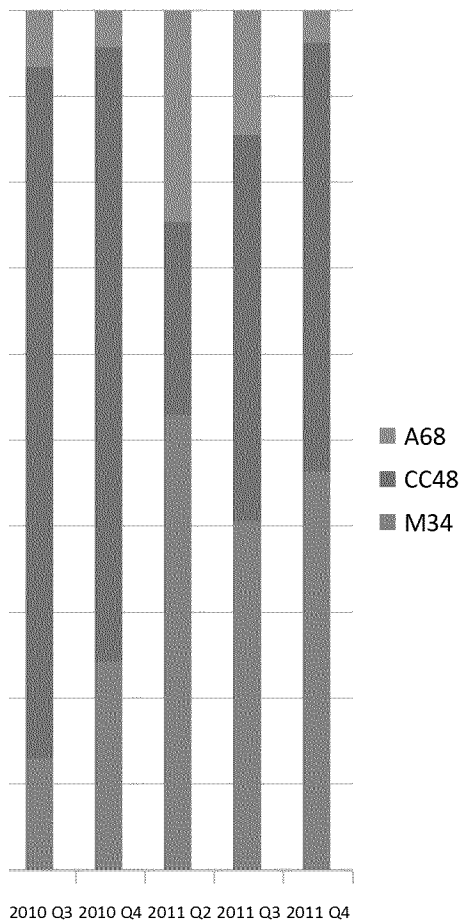
1998 Q3	3416.86	431.42
1999 Q2	663.43	2761.83
2003 Q2	380.57	3346.24
2005 Q3	1867.99	1405.72

2003	19530.52
2nd Quarter	14881.91
3rd Quarter	3870.42
4th Quarter	778.18
2004	20199.19
2nd Quarter	10375.05
3rd Quarter	5022.45
4th Quarter	4801.69
2005	20316.14
2nd Quarter	7390.83
3rd Quarter	6808.94
4th Quarter	6116.37
2006	19736.96
2nd Quarter	12425.65
3rd Quarter	4229.23
4th Quarter	3082.08
2007	15491.18
2nd Quarter	10110.62
3rd Quarter	4161.03
4th Quarter	1219.53
2008	28164.18
2nd Quarter	20851.02
3rd Quarter	6111.68
4th Quarter	1201.49
2009	49583.66
2nd Quarter	36261.05
3rd Quarter	12301.89
4th Quarter	1020.72
2010	26846.02
1st Quarter	1096.58
2nd Quarter	17748.79
3rd Quarter	5457.71
4th Quarter	2542.95
2011	67295.91
1st Quarter	1446.12
2nd Quarter	54433.33
3rd Quarter	6983.26
4th Quarter	4433.19
2012	3068.60
2nd Quarter	2022.85
4th Quarter	1045.74
2013	2013.62
2nd Quarter	2013.62
Grand Total	425122.97

2005 Q4	659.12	8672.33
2006 Q2	560.95	2150.99
2006 Q3	1215.92	2131.93
2006 Q4	742.94	1069.91
2007 Q2	1229.78	1829.30
2007 Q3	1332.56	1533.83
2007 Q4	681.13	666.67
2008 Q3	1393.63	1907.88
2009 Q2	9388.37	13724.02
2009 Q3	2948.90	4071.67
2009 Q4	555.02	1405.10
2010 Q1	620.28	598.55
2010 Q2	1114.89	3547.88
2010 Q3	593.80	3697.65
2010 Q4	575.95	1703.83
2011 Q2	6781.43	2891.92
2011 Q3	2493.69	2777.47
2011 Q4	1211.98	1306.69

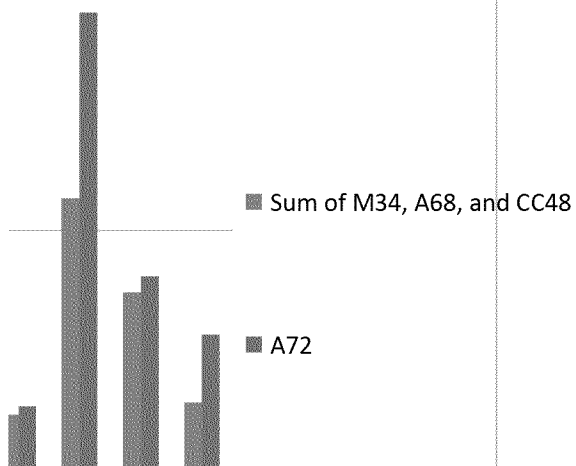
Year & Quarter	M34	CC48	A68	A72
		Quarterly Total		Yearly Total
		lbs/day		lbs/day
1998 Q3	3416.86	431.42	849.88	#REF!
1999 Q2	663.43	2761.83	1793.02	#REF!
2003 Q2	380.57	3346.24	1489.56	#REF!
2005 Q3	1867.99	1405.72	656.22	#REF!
2005 Q4	659.12	8672.33	213.25	#REF!
2006 Q2	560.95	2150.99	1268.66	#REF!
2006 Q3	1215.92	2131.93	433.54	#REF!
2006 Q4	742.94	1069.91	452.13	#REF!
2007 Q2	1229.78	1829.30	2665.21	#REF!
2007 Q3	1332.56	1533.83	1377.82	#REF!
2007 Q4	681.13	666.67	123.04	#REF!
2008 Q3	1393.63	1907.88	740.24	#REF!
2009 Q2	9388.37	13724.02	12730.59	#REF!
2009 Q3	2948.90	4071.67	595.90	#REF!
2009 Q4	555.02	1405.10	111.80	#REF!
2010 Q1	620.28	598.55	89.77	#REF!
2010 Q2	1114.89	3547.88	2527.26	#REF!
2010 Q3	593.80	3697.65	303.69	#REF!
2010 Q4	575.95	1703.83	102.51	#REF!
2011 Q2	6781.43	2891.92	3165.84	#REF!
2011 Q3	2493.69	2777.47	894.58	#REF!
2011 Q4	1211.98	1306.69	100.49	#REF!

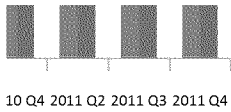
## Percentage



Year & Quarter	M34	CC48
		Quarterly Total
		lbs/day
1998 Q3	3416.86	431.42
1999 Q2	663.43	2761.83
2003 Q2	380.57	3346.24
2005 Q3	1867.99	1405.72
2005 Q4	659.12	8672.33
2006 Q2	560.95	2150.99
2006 Q3	1215.92	2131.93
2006 Q4	742.94	1069.91
2007 Q2	1229.78	1829.30
2007 Q3	1332.56	1533.83
2007 Q4	681.13	666.67
2008 Q3	1393.63	1907.88
2009 Q2	9388.37	13724.02
2009 Q3	2948.90	4071.67
2009 Q4	555.02	1405.10
2010 Q1	620.28	598.55
2010 Q2	1114.89	3547.88
2010 Q3	593.80	3697.65
2010 Q4	575.95	1703.83
2011 Q2	6781.43	2891.92
2011 Q3	2493.69	2777.47
2011 Q4	1211.98	1306.69

## to A72





### Aluminum Totals and Loads for A68, CC48, and M

Load (lbs/day)	Location	Date	Year
26.07	A72	9/5/91	1991
123.06	A72	9/6/91	1991
169.93	A72	9/7/91	1991
69.12	A72	9/9/91	1991
123.18	A72	9/10/91	1991
47.35	A72	2/7/95	1995
160.03	A72	6/21/95	1995
1475.09	A72	11/29/95	1995
118.66	A72	1/16/96	1996
39.70	A72	4/9/96	1996
97.57	A72	4/9/96	1996
2041.54	A72	5/22/96	1996
20.47	A72	8/14/96	1996
32.51	A72	10/1/96	1996
50.38	A72	11/19/96	1996
9.76	A72	11/19/96	1996
15.84	A72	1/8/97	1997
31.28	A72	1/31/97	1997
82.51	A72	2/26/97	1997
113.06	A72	2/26/97	1997
237.87	A72	3/26/97	1997
1295.91	A72	4/28/97	1997
361.61	A72	5/13/97	1997
121.75	A72	5/20/97	1997
2250.92	A72	5/28/97	1997
254.85	A72	6/4/97	1997
210.70	A72	6/12/97	1997
168.19	A72	6/16/97	1997
126.21	A72	6/16/97	1997
76.59	A72	6/25/97	1997
78.25	A72	7/1/97	1997
50.05	A72	7/14/97	1997
135.41	A72	8/13/97	1997

24.81	A72	8/13/97	1997
39.37	A72	9/25/97	1997
9.54	A72	10/22/97	1997
24.07	A72	10/22/97	1997
19.93	A72	11/25/97	1997
19.67	A72	12/23/97	1997
104.97	A72	2/13/98	1998
148.24	A72	3/16/98	1998
835.11	A72	4/23/98	1998
1804.64	A72	5/5/98	1998
112.74	A72	5/29/98	1998
359.74	A72	6/2/98	1998
493.21	A72	6/10/98	1998
189.22	A72	6/25/98	1998
72.53	A72	7/9/98	1998
71.63	A72	7/22/98	1998
23.30	A72	9/2/98	1998
18.23	A72	9/30/98	1998
17.37	A72	11/13/98	1998
84.14	A72	4/8/99	1999
1708.88	A72	6/3/99	1999
245.63	A72	6/23/99	1999
113.27	A72	8/26/99	1999
84.42	A72	11/30/99	1999
130.77	A72	4/13/00	2000
15.86	A72	5/24/00	2000
16.12	A72	8/9/00	2000
15.64	A72	11/7/00	2000
17.79	A72	4/30/01	2001
11.00	A72	5/30/01	2001
14.89	A72	8/10/01	2001
459.98	A72	11/1/01	2001
44.66	A72	4/16/02	2002
58.41	A72	5/20/02	2002
8.01	A72	7/31/02	2002
2.05	A72	12/5/02	2002
974.11	A72	5/2/03	2003
717.37	A72	5/7/03	2003
56.63	A72	5/30/03	2003
8.63	A72	7/2/03	2003
24.81	A72	7/11/03	2003
22.28	A72	9/11/03	2003
18.88	A72	10/27/03	2003
14.67	A72	5/5/04	2004
12.08	A72	5/5/04	2004
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27.83	A72	5/11/04	2004
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20.61	A72	7/7/04	2004
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11.07	A72	9/1/04	2004
12.04	A72	10/14/04	2004
17.69	A72	11/8/04	2004

53.69	A72	11/10/04	2004
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68.18	A72	4/9/05	2005
1314.48	A72	5/4/05	2005
51.85	A72	5/4/05	2005
89.11	A72	5/10/05	2005
395.91	A72	6/28/05	2005
205.76	A72	7/6/05	2005
225.00	A72	8/8/05	2005
44.48	A72	8/10/05	2005
19.42	A72	9/14/05	2005
12.69	A72	9/15/05	2005
36.99	A72	10/13/05	2005
37.28	A72	11/2/05	2005
150.36	A72	11/2/05	2005
431.56	A72	12/12/05	2005
433.82	A72	12/20/05	2005
1109.33	A72	4/5/06	2006
393.37	A72	4/19/06	2006
93.14	A72	5/10/06	2006
112.62	A72	5/24/06	2006
36.88	A72	6/6/06	2006
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27.24	A72	10/31/06	2006
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676.90	A72	5/11/07	2007
261.84	A72	5/16/07	2007
283.50	A72	7/11/07	2007
63.50	A72	7/18/07	2007
23.06	A72	9/5/07	2007
24.33	A72	11/7/07	2007
108.18	A72	5/14/08	2008
39.01	A72	6/3/08	2008
43.50	A72	7/9/08	2008
22.57	A72	8/14/08	2008
20.49	A72	9/3/08	2008
21.43	A72	9/3/08	2008
34.47	A72	12/2/08	2008
38.45	A72	4/29/09	2009
41.06	A72	5/13/09	2009
73.52	A72	5/13/09	2009
132.96	A72	6/16/09	2009
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915.47	A72	7/14/09	2009
130.05	A72	7/21/09	2009
130.97	A72	8/18/09	2009
118.97	A72	9/9/09	2009
10.63	A72	9/16/09	2009
42.92	A72	9/16/09	2009
279.39	A72	9/22/09	2009

64.56	A72	11/4/09	2009
80.58	A72	11/13/09	2009
27.60	A72	11/17/09	2009
18.23	A72	3/17/10	2010
20.17	A72	4/13/10	2010
14.95	A72	5/4/10	2010
16.26	A72	6/2/10	2010
63.65	A72	6/9/10	2010
369.35	A72	7/8/10	2010
449.81	A72	7/8/10	2010
1360.40	A72	7/13/10	2010
422.01	A72	8/10/10	2010
100.24	A72	9/14/10	2010
125.07	A72	11/2/2010	2010
1069.31	A72	11/3/10	2010
34.52	A72	11/3/10	2010
48.67	A72	3/15/11	2011
73.79	A72	4/4/11	2011
31.46	A72	5/4/11	2011
17.80	A72	6/7/11	2011
3.56	A72	6/14/11	2011
17.27	A72	7/19/11	2011
117.80	A72	8/16/11	2011
91.48	A72	8/31/11	2011
229.99	A72	9/7/11	2011
266.26	A72	9/13/11	2011
4587.08	A72	10/18/11	2011
270.49	A72	11/2/11	2011
309.48	A72	11/10/11	2011
85.09	A72	5/15/12	2012
37.22	A72	10/2/12	2012
37.96	A72	5/14/13	2013

25.67  
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13.81  
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43.25  
80.93  
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128.64  
106.67

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116.63
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22.99
71.27
30.36
23.41



16.62
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16.61
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29.60
18.09
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99.00
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1188.10
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16.75
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336.03
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13.74
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399.05

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371.36
552.92
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1218.57
687.06
759.86
685.01
1069.91
611.65
1829.30
800.27
733.55
666.67
1695.80
1570.94
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5024.19
5606.93
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765.38
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690.29
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757.29
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598.55
713.40

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600.06
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577.67
620.77
661.17
645.53
856.05
579.18
1320.34
403.45
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491.11
619.46
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613.06
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707.87
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485.44
663.43
788.57
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1267.54
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946.61
380.57

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635.30
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1145.64
745.49
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626.01
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436.01
481.39
892.26
487.87
487.87
659.12
380.58
374.06
560.95
563.11
652.81

742.94  
 555.34  
 1229.78  
 641.62  
 690.94  
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 708.96  
 555.02  
 620.28  
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575.95  
670.28  
6111.14  
807.76  
569.58  
595.47  
520.88  
585.22  
626.76  
862.23  
548.55  
1267.27











849.88	5517.26
1793.02	19689.43
1489.56	14881.91
656.22	6808.94

213.25	6116.37
1268.66	12425.65
433.54	4229.23
452.13	3082.08
2665.21	10110.62
1377.82	4161.03
123.04	1219.53
740.24	6111.68
12730.59	36261.05
595.90	12301.89
111.80	1020.72
89.77	1096.58
2527.26	17748.79
303.69	5457.71
102.51	2542.95
3165.84	54433.33
894.58	6983.26
100.49	4433.19



A68	Summed ("Predicted") Aluminum Loads of M34, CC48, and A68 for Comparison to A72	A72
		Yearly Total
		lbs/day
849.88	4698.16	5517.26
1793.02	5218.28	19689.43
1489.56	5216.37	14881.91
656.22	3929.93	6808.94
213.25	9544.70	6116.37
1268.66	3980.61	12425.65
433.54	3781.38	4229.23
452.13	2264.98	3082.08
2665.21	5724.29	10110.62
1377.82	4244.21	4161.03
123.04	1470.84	1219.53
740.24	4041.76	6111.68
12730.59	35842.98	36261.05
595.90	7616.46	12301.89
111.80	2071.93	1020.72
89.77	1308.60	1096.58
2527.26	7190.03	17748.79
303.69	4595.13	5457.71
102.51	2382.28	2542.95
3165.84	12839.19	54433.33
894.58	6165.74	6983.26
100.49	2619.17	4433.19

34

Quarter	Flow (cfs)	Total (ug/L)	Load (lbs/day)
3rd Quarter	131.00	1200.00	847.90
3rd Quarter	185.00	1800.00	1796.13
3rd Quarter	261.00	1100.00	1548.55
3rd Quarter	269.00	790.00	1146.23
3rd Quarter	263.00	1000.00	1418.56
1st Quarter	86.00	2800.00	1298.82
2nd Quarter	2120.00	145.00	1658.04
4th Quarter	76.00	2000.00	819.85
1st Quarter	64.60	2300.00	801.41
2nd Quarter	167.00	1700.00	1531.29
2nd Quarter	217.00	1800.00	2106.81
2nd Quarter	1370.00	750.00	5542.10
3rd Quarter	99.00	1700.00	907.77
4th Quarter	127.00	1530.00	1048.06
4th Quarter	100.00	1850.46	998.10
4th Quarter	100.00	1700.00	916.94
1st Quarter	55.50	2642.99	791.19
1st Quarter	74.00	2826.07	1127.99
1st Quarter	64.80	3149.68	1100.86
1st Quarter	64.80	3472.23	1213.60
1st Quarter	120.00	2100.15	1359.33
2nd Quarter	214.00	1338.31	1544.76
2nd Quarter	705.00	1255.38	4773.71
2nd Quarter	1190.00	612.84	3933.58
2nd Quarter	547.00	681.28	2010.03
2nd Quarter	1620.00	966.66	8446.58
2nd Quarter	1230.00	480.24	3186.04
2nd Quarter	1250.00	370.60	2498.66
2nd Quarter	1240.00	473.00	3163.55
2nd Quarter	1350.00	190.45	1386.79
3rd Quarter	1480.00	167.61	1337.99
3rd Quarter	800.00	240.30	1036.89
3rd Quarter	464.00	352.54	882.31

3rd Quarter	467.00	553.00	1392.95
3rd Quarter	464.00	496.81	1243.37
4th Quarter	220.00	736.52	873.97
4th Quarter	221.00	1064.00	1268.31
4th Quarter	115.00	1229.01	762.33
4th Quarter	86.00	2322.51	1077.33
1st Quarter	61.30	3706.81	1225.61
1st Quarter	65.20	2728.09	959.40
2nd Quarter	181.00	1986.01	1938.88
2nd Quarter	459.00	871.84	2158.45
2nd Quarter	1220.00	761.73	5012.49
2nd Quarter	1190.00	637.79	4093.68
2nd Quarter	663.00	487.71	1744.09
2nd Quarter	901.00	320.87	1559.36
3rd Quarter	736.00	425.92	1690.82
3rd Quarter	357.00	655.50	1262.22
3rd Quarter	214.00	1102.00	1272.00
3rd Quarter	110.00	2177.98	1292.23
4th Quarter	113.00	2213.00	1348.81
2nd Quarter	95.00	2051.30	1051.10
2nd Quarter	819.00	535.77	2366.76
2nd Quarter	1519.00	1986.00	16271.57
3rd Quarter	411.00	838.67	1859.20
4th Quarter	74.90	2589.90	1046.30
2nd Quarter	166.00	1776.30	1590.44
2nd Quarter	1570.00	1944.60	16467.30
3rd Quarter	94.40	2190.10	1115.14
4th Quarter	108.00	2784.40	1621.99
2nd Quarter	405.00	1299.00	2837.64
2nd Quarter	1080.00	550.11	3204.54
3rd Quarter	252.00	1025.82	1394.33
4th Quarter	65.50	2679.82	946.76
2nd Quarter	182.00	1394.44	1368.87
2nd Quarter	391.00	584.30	1232.27
3rd Quarter	74.20	2058.24	823.74
4th Quarter	87.80	2792.18	1322.30
2nd Quarter	263.00	1138.73	1615.36
2nd Quarter	218.08	1142.00	1343.30
2nd Quarter	1570.00	1408.00	11923.25
3rd Quarter	363.00	605.00	1184.55
3rd Quarter	209.00	771.10	869.26
3rd Quarter	297.00	1134.00	1816.61
4th Quarter	67.60	2134.23	778.18
2nd Quarter	550.00	589.00	1747.31
2nd Quarter	550.00	1113.00	3301.80
2nd Quarter	550.00	589.00	1747.31
2nd Quarter	860.00	771.48	3578.63
3rd Quarter	439.00	610.00	1444.40
3rd Quarter	439.00	669.00	1584.10
3rd Quarter	153.00	1263.24	1042.48
3rd Quarter	63.00	2800.00	951.46
4th Quarter	148.00	1394.00	1112.80
4th Quarter	115.00	1771.36	1098.75



4th Quarter	120.00	1669.00	1080.26
4th Quarter	129.00	2170.00	1509.88
2nd Quarter	115.00	2102.66	1304.25
2nd Quarter	181.00	155.00	151.32
2nd Quarter	181.00	1452.02	1417.57
2nd Quarter	356.00	1103.63	2119.17
2nd Quarter	1040.00	427.58	2398.52
3rd Quarter	779.00	393.00	1651.29
3rd Quarter	297.00	918.48	1471.36
3rd Quarter	286.00	911.00	1405.33
3rd Quarter	131.00	1619.00	1143.96
3rd Quarter	124.00	1700.00	1137.01
4th Quarter	216.00	1227.00	1429.52
4th Quarter	131.00	1393.00	984.27
4th Quarter	131.00	1540.00	1088.14
4th Quarter	98.60	2615.33	1390.90
4th Quarter	66.00	3437.00	1223.53
2nd Quarter	114.00	2647.00	1627.61
2nd Quarter	227.00	1326.78	1624.49
2nd Quarter	342.00	954.00	1759.81
2nd Quarter	1230.00	643.19	4267.11
2nd Quarter	1260.00	463.00	3146.62
3rd Quarter	334.00	781.00	1406.99
3rd Quarter	138.00	1780.00	1324.93
3rd Quarter	200.00	1388.01	1497.32
4th Quarter	176.00	1586.16	1505.75
4th Quarter	167.00	1750.00	1576.33
2nd Quarter	143.00	1723.00	1328.97
2nd Quarter	763.00	815.00	3354.09
2nd Quarter	1130.00	890.50	5427.56
3rd Quarter	371.00	772.00	1544.84
3rd Quarter	261.00	837.70	1179.29
3rd Quarter	148.00	1800.00	1436.90
4th Quarter	119.00	1900.00	1219.53
2nd Quarter	348.00	995.40	1868.40
2nd Quarter	1880.00	1872.00	18982.62
3rd Quarter	798.00	436.00	1876.64
3rd Quarter	197.00	1244.00	1321.84
3rd Quarter	181.00	1444.00	1409.74
3rd Quarter	181.00	1540.00	1503.46
4th Quarter	74.80	2978.00	1201.49
2nd Quarter	501.00	1031.00	2786.05
2nd Quarter	1490.00	1840.00	14787.56
2nd Quarter	1490.00	2045.00	16435.09
2nd Quarter	615.00	679.00	2252.36
3rd Quarter	508.00	556.00	1523.46
3rd Quarter	407.00	812.00	1782.55
3rd Quarter	223.00	1096.00	1318.28
3rd Quarter	104.00	2080.00	1166.78
3rd Quarter	94.60	2109.00	1076.12
3rd Quarter	116.00	1500.00	938.52
3rd Quarter	116.00	1661.00	1039.25
3rd Quarter	123.00	2080.00	1379.94

4th Quarter	76.00	2490.00	1020.72
3rd Quarter	71.30	2778.00	1068.35
3rd Quarter	68.00	2750.00	1008.63
1st Quarter	51.60	3940.00	1096.58
2nd Quarter	138.00	1950.00	1451.46
2nd Quarter	189.00	1281.00	1305.88
2nd Quarter	1580.00	585.00	4985.46
2nd Quarter	1300.00	1427.00	10005.98
3rd Quarter	232.00	687.00	859.68
3rd Quarter	232.00	900.00	1126.22
3rd Quarter	205.00	1090.00	1205.24
3rd Quarter	199.00	1060.00	1137.76
3rd Quarter	96.00	2180.00	1128.81
4th Quarter	99.00	2540.00	1356.32
4th Quarter	110.00	132.00	78.32
4th Quarter	110.00	1868.00	1108.31
1st Quarter	81.00	3310.00	1446.12
2nd Quarter	117.00	2610.00	1647.10
2nd Quarter	116.00	2220.00	1389.00
2nd Quarter	1850.00	4100.00	40911.75
2nd Quarter	1620.00	1200.00	10485.49
3rd Quarter	730.00	597.00	2350.66
3rd Quarter	158.00	1370.00	1167.54
3rd Quarter	132.00	1730.00	1231.72
3rd Quarter	114.00	1780.00	1094.50
3rd Quarter	102.00	2070.00	1138.84
4th Quarter	125.00	1800.00	1213.60
4th Quarter	148.00	2330.00	1859.99
4th Quarter	91.00	2770.00	1359.61
2nd Quarter	535.00	701.00	2022.85
4th Quarter	74.00	2620.00	1045.74
2nd Quarter	398.00	938.00	2013.62





























































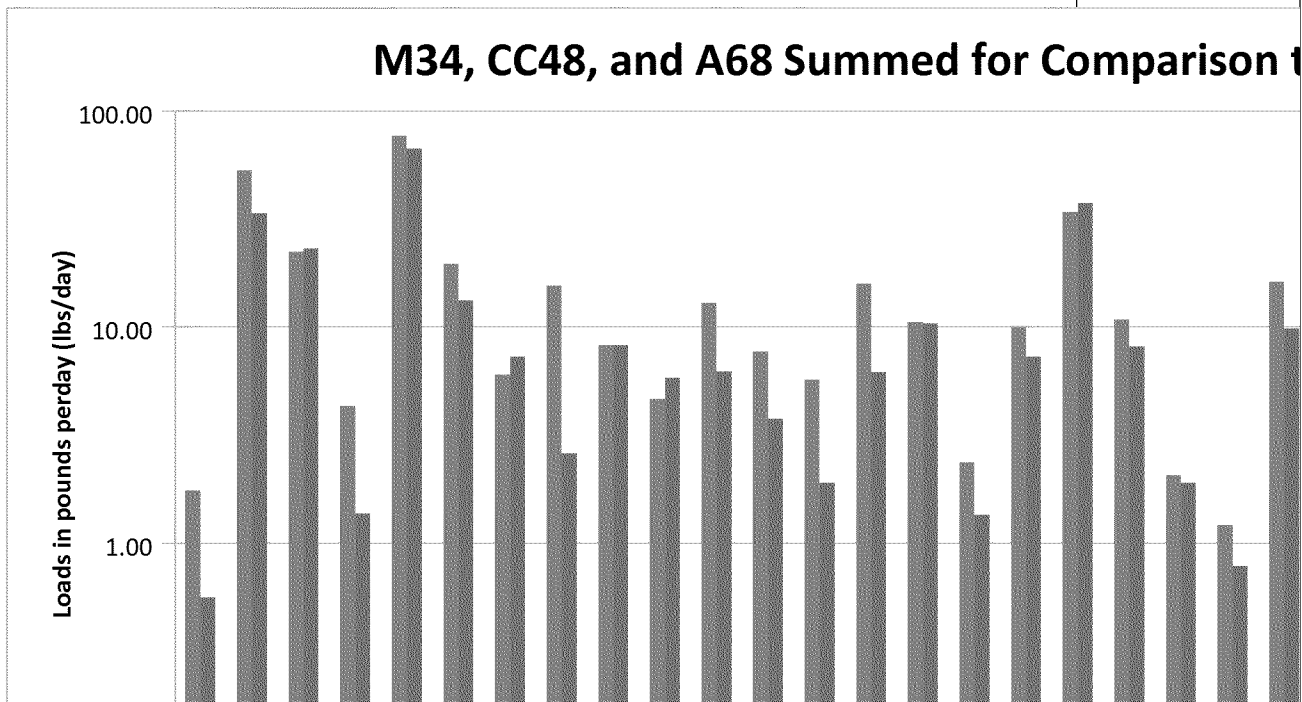
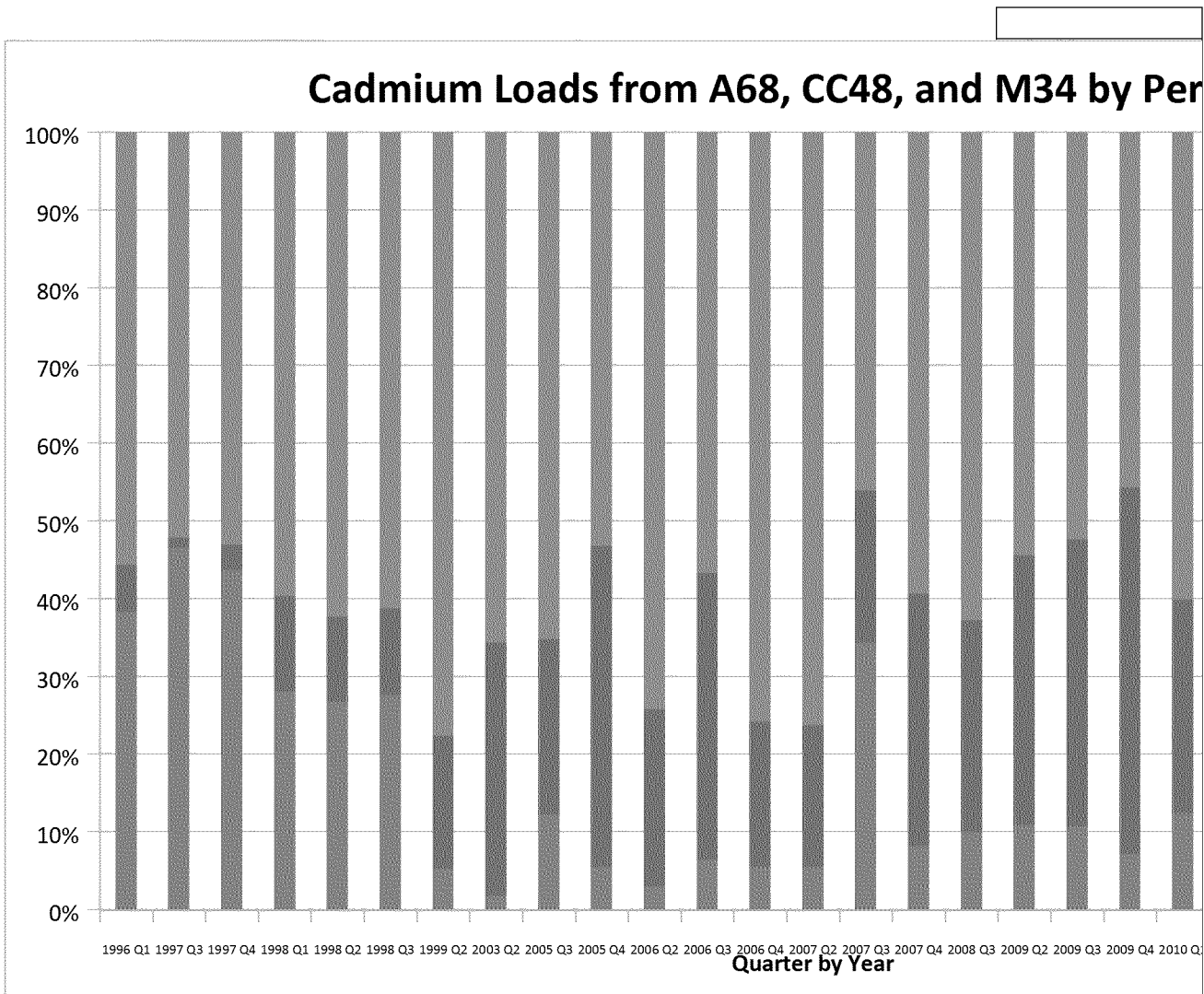


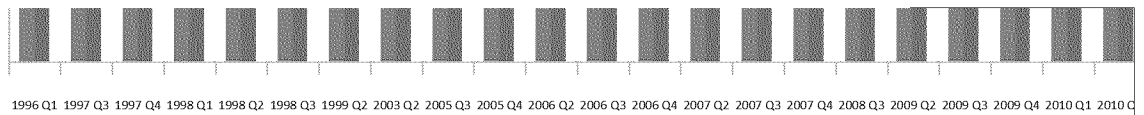












**Cadmium Totals and Loads for A68, CC48, and M34**

Location	Date	Year	Quarter	Flow (cfs)	Total (ug/L)
A68	9/5/91	1991	3rd Quarter	61.2	1.20
A68	9/6/91	1991	3rd Quarter	84.5	1.50
A68	9/7/91	1991	3rd Quarter	101.6	2.10
A68	9/9/91	1991	3rd Quarter	116.5	1.10
A68	9/10/91	1991	3rd Quarter	126.9	1.50
A68	12/8/91	1991	4th Quarter	25.0	1.35
A68	1/15/92	1992	1st Quarter	17.8	1.12
A68	2/13/92	1992	1st Quarter	16.0	0.96
A68	3/5/92	1992	1st Quarter	18.0	1.16
A68	3/16/92	1992	1st Quarter	21.0	1.33
A68	4/13/92	1992	2nd Quarter	86.0	1.76
A68	4/20/92	1992	2nd Quarter	59.0	1.62
A68	4/30/92	1992	2nd Quarter	328.0	1.38
A68	5/5/92	1992	2nd Quarter	257.0	1.67
A68	5/11/92	1992	2nd Quarter	176.0	1.77
A68	5/18/92	1992	2nd Quarter	334.0	1.43
A68	5/26/92	1992	2nd Quarter	430.0	1.24
A68	6/1/92	1992	2nd Quarter	290.0	1.44
A68	6/8/92	1992	2nd Quarter	341.0	1.33
A68	6/15/92	1992	2nd Quarter	442.0	1.39
A68	6/22/92	1992	2nd Quarter	512.0	1.10
A68	6/23/92	1992	2nd Quarter	486.0	1.40
A68	6/24/92	1992	2nd Quarter	463.0	1.70
A68	6/25/92	1992	2nd Quarter	421.0	2.10
A68	7/14/92	1992	3rd Quarter	173.0	0.94
A68	7/21/92	1992	3rd Quarter	117.0	0.97
A68	7/27/92	1992	3rd Quarter	191.0	1.40
A68	8/10/92	1992	3rd Quarter	91.0	1.40
A68	8/24/92	1992	3rd Quarter	116.0	2.57
A68	9/15/92	1992	3rd Quarter	59	1.53
A68	9/16/92	1992	3rd Quarter	60.0	1.06
A68	10/14/92	1992	4th Quarter	30.0	0.89
A68	10/14/92	1992	4th Quarter	26.8	1.20
A68	10/15/92	1992	4th Quarter	29.2	1.30
A68	11/18/92	1992	4th Quarter	29.0	0.74
A68	12/16/92	1992	4th Quarter	18.0	0.93
A68	1/13/93	1993	1st Quarter	16.0	1.07

A68	2/17/93	1993	1st Quarter	16.0	0.86
A68	3/10/93	1993	1st Quarter	22.0	0.91
A68	3/31/93	1993	1st Quarter	24.0	4.64
A68	4/14/93	1993	2nd Quarter	27.0	5.29
A68	4/21/93	1993	2nd Quarter	40.0	5.43
A68	4/29/93	1993	2nd Quarter	99.0	4.81
A68	5/4/93	1993	2nd Quarter	132.0	5.85
A68	5/12/93	1993	2nd Quarter	190.0	3.26
A68	5/26/93	1993	2nd Quarter	741.0	2.53
A68	6/2/93	1993	2nd Quarter	718.0	2.04
A68	6/9/93	1993	2nd Quarter	299.0	2.24
A68	6/16/93	1993	2nd Quarter	907.0	2.51
A68	6/23/93	1993	2nd Quarter	769.0	1.79
A68	7/14/93	1993	3rd Quarter	360.0	1.95
A68	7/20/93	1993	3rd Quarter	206.0	0.98
A68	7/21/93	1993	3rd Quarter	206.0	1.05
A68	7/21/93	1993	3rd Quarter	221.0	1.46
A68	7/28/93	1993	3rd Quarter	170.0	1.08
A68	8/11/93	1993	3rd Quarter	122.0	1.15
A68	8/25/93	1993	3rd Quarter	83.0	1.13
A68	9/15/93	1993	3rd Quarter	88.0	1.29
A68	10/13/93	1993	4th Quarter	52.0	1.18
A68	11/17/93	1993	4th Quarter	33.0	1.26
A68	12/15/93	1993	4th Quarter	24.0	1.48
A68	1/12/94	1994	1st Quarter	53.0	1.11
A68	10/13/94	1994	4th Quarter	74.0	0.93
A68	11/9/94	1994	4th Quarter	49.0	1.18
A68	11/9/94	1994	4th Quarter	49.0	2.00
A68	12/13/94	1994	4th Quarter	41.0	1.24
A68	1/18/95	1995	1st Quarter	32.0	1.20
A68	2/15/95	1995	1st Quarter	34.0	1.47
A68	3/1/95	1995	1st Quarter	41.0	1.84
A68	3/15/95	1995	1st Quarter	44	1.96
A68	4/6/95	1995	2nd Quarter	48.0	2.03
A68	4/12/95	1995	2nd Quarter	49.0	1.86
A68	4/19/95	1995	2nd Quarter	50	2.64
A68	5/3/95	1995	2nd Quarter	58.0	3.00
A68	5/10/95	1995	2nd Quarter	60	3.48
A68	5/22/95	1995	2nd Quarter	393	1.63
A68	5/31/95	1995	2nd Quarter	154.0	1.64
A68	6/7/95	1995	2nd Quarter	560.0	1.47
A68	6/14/95	1995	2nd Quarter	1090.0	1.62
A68	6/21/95	1995	2nd Quarter	2120.0	1.31
A68	6/28/95	1995	2nd Quarter	803.0	1.15
A68	7/5/95	1995	3rd Quarter	388.0	1.04
A68	7/12/95	1995	3rd Quarter	1170	1.36
A68	7/19/95	1995	3rd Quarter	865.0	1.04
A68	8/2/95	1995	3rd Quarter	399.0	0.78
A68	8/16/95	1995	3rd Quarter	194.0	0.79
A68	9/6/95	1995	3rd Quarter	110.0	3.00

A68	9/13/95	1995	3rd Quarter	91	0.92
A68	10/11/95	1995	4th Quarter	57.0	0.97
A68	11/15/95	1995	4th Quarter	35	0.97
A68	11/29/95	1995	4th Quarter	32.0	2.30
A68	12/13/95	1995	4th Quarter	31	0.85
A68	2/14/96	1996	1st Quarter	32.0	1.43
A68	3/13/96	1996	1st Quarter	33.0	2.35
A68	3/20/96	1996	1st Quarter	27.0	2.13
A68	4/3/96	1996	2nd Quarter	41.0	2.61
A68	4/9/96	1996	2nd Quarter	60.3	3.80
A68	4/10/96	1996	2nd Quarter	75.0	2.49
A68	5/1/96	1996	2nd Quarter	139.0	1.96
A68	5/8/96	1996	2nd Quarter	354.0	1.61
A68	5/15/96	1996	2nd Quarter	752.0	1.35
A68	5/29/96	1996	2nd Quarter	169.0	1.17
A68	6/5/96	1996	2nd Quarter	596.0	0.93
A68	6/12/96	1996	2nd Quarter	404.0	0.84
A68	6/19/96	1996	2nd Quarter	373.0	0.69
A68	6/26/96	1996	2nd Quarter	253.0	0.96
A68	7/10/96	1996	3rd Quarter	161.0	0.71
A68	7/16/96	1996	3rd Quarter	110.0	1.00
A68	7/17/96	1996	3rd Quarter	108.0	0.67
A68	8/7/96	1996	3rd Quarter	51.0	0.84
A68	8/21/96	1996	3rd Quarter	34.0	1.09
A68	9/18/96	1996	3rd Quarter	68.0	1.42
A68	10/1/96	1996	4th Quarter	55.0	1.50
A68	10/1/96	1996	4th Quarter	55.0	1.50
A68	10/16/96	1996	4th Quarter	95.0	0.97
A68	10/23/96	1996	4th Quarter	59.0	1.32
A68	11/13/96	1996	4th Quarter	47.0	1.24
A68	11/19/96	1996	4th Quarter	42.9	2.00
A68	1/7/97	1997	1st Quarter	32.0	5.00
A68	1/8/97	1997	1st Quarter	47.4	2.05
A68	1/30/97	1997	1st Quarter	8.5	2.16
A68	2/25/97	1997	1st Quarter	18.1	3.39
A68	3/12/97	1997	1st Quarter	33.0	2.40
A68	3/19/97	1997	1st Quarter	40.0	3.56
A68	3/25/97	1997	1st Quarter	45.1	4.54
A68	4/2/97	1997	2nd Quarter	52.0	2.57
A68	4/16/97	1997	2nd Quarter	45.0	2.87
A68	4/16/97	1997	2nd Quarter	45.0	2.95
A68	4/29/97	1997	2nd Quarter	95.5	2.00
A68	4/30/97	1997	2nd Quarter	87.0	2.52
A68	5/14/97	1997	2nd Quarter	433.0	2.00
A68	5/21/97	1997	2nd Quarter	517.0	1.45
A68	5/21/97	1997	2nd Quarter	514.0	2.00
A68	5/28/97	1997	2nd Quarter	239.0	1.22
A68	5/29/97	1997	2nd Quarter	238.0	2.16
A68	6/4/97	1997	2nd Quarter	1180.0	1.36
A68	6/5/97	1997	2nd Quarter	883.0	2.00

A68	6/11/97	1997	2nd Quarter	499.0	1.22
A68	6/11/97	1997	2nd Quarter	451.0	2.14
A68	6/16/97	1997	2nd Quarter	580.0	2.06
A68	6/18/97	1997	2nd Quarter	988.0	1.30
A68	6/25/97	1997	2nd Quarter	701.0	1.05
A68	6/26/97	1997	2nd Quarter	606.0	2.23
A68	7/1/97	1997	3rd Quarter	585.0	2.00
A68	7/9/97	1997	3rd Quarter	549.0	1.10
A68	7/15/97	1997	3rd Quarter	355.0	2.00
A68	7/16/97	1997	3rd Quarter	637.0	0.79
A68	7/30/97	1997	3rd Quarter	324.0	2.66
A68	8/12/97	1997	3rd Quarter	232.0	2.00
A68	8/13/97	1997	3rd Quarter	207.0	0.83
A68	9/11/97	1997	3rd Quarter	60.0	1.11
A68	9/11/97	1997	3rd Quarter	60.0	1.30
A68	9/17/97	1997	3rd Quarter	104.0	0.91
A68	9/25/97	1997	3rd Quarter	202.0	2.00
A68	10/15/97	1997	4th Quarter	160.0	0.85
A68	10/22/97	1997	4th Quarter	115.0	10.88
A68	11/12/97	1997	4th Quarter	73.0	1.29
A68	11/12/97	1997	4th Quarter	73.0	1.80
A68	11/25/97	1997	4th Quarter	44.2	9.97
A68	12/17/97	1997	4th Quarter	38.0	1.63
A68	12/23/97	1997	4th Quarter	39.0	2.00
A68	1/7/98	1998	1st Quarter	32.0	2.60
A68	2/12/98	1998	1st Quarter	25.0	4.15
A68	3/4/98	1998	1st Quarter	26.0	1.67
A68	3/5/98	1998	1st Quarter	26.0	2.10
A68	3/16/98	1998	1st Quarter	25.1	5.55
A68	3/18/98	1998	1st Quarter	25.0	2.01
A68	4/1/98	1998	2nd Quarter	40.0	2.98
A68	4/15/98	1998	2nd Quarter	34.0	4.84
A68	4/23/98	1998	2nd Quarter	52.0	4.76
A68	4/29/98	1998	2nd Quarter	72.0	3.99
A68	5/5/98	1998	2nd Quarter	184.0	2.27
A68	5/6/98	1998	2nd Quarter	168.0	4.18
A68	5/7/98	1998	2nd Quarter	139.0	2.50
A68	5/13/98	1998	2nd Quarter	172.0	1.81
A68	5/20/98	1998	2nd Quarter	274.0	1.52
A68	5/27/98	1998	2nd Quarter	402.0	1.10
A68	5/29/98	1998	2nd Quarter	449.0	2.00
A68	6/2/98	1998	2nd Quarter	621.0	2.00
A68	6/3/98	1998	2nd Quarter	640.0	0.86
A68	6/9/98	1998	2nd Quarter	193.0	2.00
A68	6/10/98	1998	2nd Quarter	291	0.86
A68	6/17/98	1998	2nd Quarter	370.0	0.74
A68	6/17/98	1998	2nd Quarter	370	1.07
A68	6/24/98	1998	2nd Quarter	533.0	0.80
A68	6/24/98	1998	2nd Quarter	485.0	2.00
A68	7/1/98	1998	3rd Quarter	508.0	1.00

A68	7/9/98	1998	3rd Quarter	325.0	2.36
A68	7/15/98	1998	3rd Quarter	225.0	0.77
A68	7/22/98	1998	3rd Quarter	156.0	0.86
A68	7/22/98	1998	3rd Quarter	141.0	2.00
A68	8/26/98	1998	3rd Quarter	72.0	0.83
A68	9/2/98	1998	3rd Quarter	83.0	0.90
A68	9/9/98	1998	3rd Quarter	57.0	1.30
A68	9/16/98	1998	3rd Quarter	64.0	1.05
A68	9/30/98	1998	3rd Quarter	34.0	2.54
A68	11/3/98	1998	4th Quarter	59.0	1.80
A68	11/18/98	1998	4th Quarter	51.0	1.52
A68	1/6/99	1999	1st Quarter	26.0	2.10
A68	2/24/99	1999	1st Quarter	22.0	6.29
A68	3/3/99	1999	1st Quarter	23.0	2.80
A68	3/17/99	1999	1st Quarter	21.0	5.14
A68	4/1/99	1999	2nd Quarter	50.0	1.86
A68	4/26/99	1999	2nd Quarter	63.0	1.31
A68	5/6/99	1999	2nd Quarter	40.0	6.30
A68	6/23/99	1999	2nd Quarter	725.0	0.60
A68	8/4/99	1999	3rd Quarter	253.0	1.20
A68	9/1/99	1999	3rd Quarter	210.0	0.90
A68	9/16/99	1999	3rd Quarter	91.0	3.09
A68	10/14/99	1999	4th Quarter	58.0	1.86
A68	11/3/99	1999	4th Quarter	21.0	1.60
A68	11/17/99	1999	4th Quarter	18.0	3.84
A68	1/5/00	2000	1st Quarter	29.0	1.40
A68	2/28/00	2000	1st Quarter	17.0	2.11
A68	3/1/00	2000	1st Quarter	17.0	1.50
A68	3/15/00	2000	1st Quarter	20.0	2.33
A68	5/3/00	2000	2nd Quarter	328.0	1.10
A68	7/5/00	2000	3rd Quarter	92.0	1.00
A68	9/6/00	2000	3rd Quarter	106.0	1.70
A68	11/1/00	2000	4th Quarter	57.0	1.50
A68	1/3/01	2001	1st Quarter	33.0	2.50
A68	3/14/01	2001	1st Quarter	19.0	2.20
A68	5/2/01	2001	2nd Quarter	301.0	2.40
A68	7/6/01	2001	3rd Quarter	266.0	0.90
A68	1/2/02	2002	1st Quarter	21.0	2.70
A68	3/6/02	2002	1st Quarter	16.0	2.60
A68	6/5/02	2002	2nd Quarter	200.0	0.40
A68	6/27/02	2002	2nd Quarter	51.0	1.07
A68	7/3/02	2002	3rd Quarter	35.0	1.30
A68	7/17/02	2002	3rd Quarter	20.0	1.58
A68	8/14/02	2002	3rd Quarter	28.0	1.84
A68	9/4/02	2002	3rd Quarter	25.0	2.00
A68	9/18/02	2002	3rd Quarter	60.0	1.79
A68	10/25/02	2002	4th Quarter	42.0	2.10
A68	11/6/02	2002	4th Quarter	31.0	2.00
A68	11/12/02	2002	4th Quarter	33.0	2.09
A68	12/8/02	2002	4th Quarter	26.0	2.86
A68	1/8/03	2003	1st Quarter	19.0	3.44

A68	1/9/03	2003	1st Quarter	19.0	3.00
A68	2/1/03	2003	1st Quarter	18.0	2.83
A68	3/9/03	2003	1st Quarter	20.0	2.63
A68	4/24/03	2003	2nd Quarter	55.0	2.62
A68	5/7/03	2003	2nd Quarter	90.0	1.80
A68	5/7/03	2003	2nd Quarter	94.9	1.98
A68	6/2/03	2003	2nd Quarter	743	1.87
A68	7/2/03	2003	3rd Quarter	163.0	1.33
A68	7/2/03	2003	3rd Quarter	206.5	1.89
A68	8/14/03	2003	3rd Quarter	129.0	1.80
A68	9/11/03	2003	3rd Quarter	132.0	2.46
A68	9/11/03	2003	3rd Quarter	135.0	2.50
A68	10/4/03	2003	4th Quarter	62.0	1.77
A68	11/6/03	2003	4th Quarter	24.0	2.30
A68	12/29/03	2003	4th Quarter	16.0	2.48
A68	3/3/04	2004	1st Quarter	54.0	2.40
A68	3/3/04	2004	1st Quarter	54.0	2.45
A68	4/16/04	2004	2nd Quarter	69.0	5.69
A68	5/5/04	2004	2nd Quarter	210.0	2.00
A68	5/5/04	2004	2nd Quarter	210.0	2.87
A68	5/28/04	2004	2nd Quarter	591.0	1.60
A68	6/17/04	2004	2nd Quarter	429.0	1.56
A68	7/7/04	2004	3rd Quarter	169.3	1.00
A68	7/7/04	2004	3rd Quarter	174	1.69
A68	8/19/04	2004	3rd Quarter	43.0	3.05
A68	9/1/04	2004	3rd Quarter	31.0	2.00
A68	9/15/04	2004	3rd Quarter	46	2.93
A68	10/14/04	2004	4th Quarter	61.0	1.69
A68	11/10/04	2004	4th Quarter	42.4	0.60
A68	5/4/05	2005	2nd Quarter	85.0	3.1
A68	5/4/05	2005	2nd Quarter	86.0	3.49
A68	6/9/05	2005	2nd Quarter	498	1.32
A68	7/6/05	2005	3rd Quarter	365.0	1
A68	7/6/05	2005	3rd Quarter	365	1.08
A68	8/10/05	2005	3rd Quarter	109.0	1
A68	9/14/05	2005	3rd Quarter	45.0	1.5
A68	9/15/05	2005	3rd Quarter	41.0	1.4
A68	10/13/05	2005	4th Quarter	109	1.65
A68	11/2/05	2005	4th Quarter	64	1.66
A68	11/2/05	2005	4th Quarter	64.0	1.7
A68	12/20/05	2005	4th Quarter	31	2.05
A68	1/6/06	2006	1st Quarter	29.0	2.35
A68	1/6/06	2006	1st Quarter	29.0	2.7
A68	2/8/06	2006	1st Quarter	30.0	2.87
A68	3/15/06	2006	1st Quarter	44.0	2.7
A68	3/15/06	2006	1st Quarter	44.0	2.81
A68	4/5/06	2006	2nd Quarter	43.0	4.11
A68	5/10/06	2006	2nd Quarter	170.0	1.5
A68	5/10/06	2006	2nd Quarter	170.0	1.53
A68	5/16/06	2006	2nd Quarter	464.0	0.8
A68	6/6/06	2006	2nd Quarter	624.0	1.13
A68	7/12/06	2006	3rd Quarter	171.0	1.06



A68	7/12/06	2006	3rd Quarter	171.0	1.2
A68	8/2/06	2006	3rd Quarter	137.0	1.18
A68	9/6/06	2006	3rd Quarter	73.0	1.7
A68	9/6/06	2006	3rd Quarter	73.0	1.84
A68	10/11/06	2006	4th Quarter	267.0	1.47
A68	11/1/06	2006	4th Quarter	90.0	1.7
A68	11/1/06	2006	4th Quarter	90.0	1.86
A68	12/5/06	2006	4th Quarter	43.0	2
A68	1/11/07	2007	1st Quarter	26.0	2.18
A68	2/6/07	2007	1st Quarter	22.0	1.96
A68	3/7/07	2007	1st Quarter	22.0	2.08
A68	3/7/07	2007	1st Quarter	22.0	2.2
A68	4/2/07	2007	2nd Quarter	59.0	2.45
A68	5/11/07	2007	2nd Quarter	339	0.98
A68	5/11/07	2007	2nd Quarter	339.0	1.4
A68	6/5/07	2007	2nd Quarter	744	1.08
A68	6/14/07	2007	2nd Quarter	489.0	1
A68	7/11/07	2007	3rd Quarter	177.0	1
A68	7/11/07	2007	3rd Quarter	177	1.12
A68	8/6/07	2007	3rd Quarter	305	1.33
A68	9/5/07	2007	3rd Quarter	64	1.78
A68	10/25/07	2007	4th Quarter	90	1.37
A68	11/7/07	2007	4th Quarter	54.0	1.6
A68	12/5/07	2007	4th Quarter	25	1.97
A68	1/2/08	2008	1st Quarter	33.0	2.10
A68	1/2/08	2008	1st Quarter	33	4.89
A68	3/12/08	2008	1st Quarter	80.0	4.50
A68	4/10/08	2008	2nd Quarter	32	7.23
A68	5/7/08	2008	2nd Quarter	164.0	1.80
A68	5/7/08	2008	2nd Quarter	164	1.82
A68	6/3/08	2008	2nd Quarter	760	1.2
A68	7/9/08	2008	3rd Quarter	398	0.92
A68	7/9/08	2008	3rd Quarter	393.0	1.20
A68	8/5/08	2008	3rd Quarter	136	0.98
A68	9/3/08	2008	3rd Quarter	69	1.27
A68	9/3/08	2008	3rd Quarter	69.0	1.4
A68	10/6/08	2008	4th Quarter	40	1.53
A68	11/7/08	2008	4th Quarter	27	2.04
A68	11/7/08	2008	4th Quarter	27.0	2.40
A68	12/3/08	2008	4th Quarter	20	1.69
A68	3/4/09	2009	1st Quarter	33	2.65
A68	3/4/09	2009	1st Quarter	33	2.8
A68	4/6/09	2009	2nd Quarter	44	2.11
A68	5/13/09	2009	2nd Quarter	562	1.42
A68	5/13/09	2009	2nd Quarter	562	2.1
A68	5/19/09	2009	2nd Quarter	508	1.5
A68	6/2/09	2009	2nd Quarter	369	0.93
A68	6/16/09	2009	2nd Quarter	272	0.9
A68	7/8/09	2009	3rd Quarter	206	0.55
A68	7/8/09	2009	3rd Quarter	318	0.9
A68	7/14/09	2009	3rd Quarter	145.00	0.8
A68	8/12/09	2009	3rd Quarter	318	0.82

A68	8/18/09	2009	3rd Quarter	43	1
A68	9/16/09	2009	3rd Quarter	49	1.3
A68	9/16/09	2009	3rd Quarter	73	1.5
A68	9/22/09	2009	3rd Quarter	42	1.3
A68	10/5/09	2009	4th Quarter	35	1.37
A68	11/4/09	2009	4th Quarter	25.7	1.60
A68	11/5/09	2009	4th Quarter	27	0.33
A68	11/17/09	2009	4th Quarter	28.3	1.6
A68	12/1/09	2009	4th Quarter	22	1.42
A68	2/17/10	2010	1st Quarter	29.0	2
A68	3/2/10	2010	1st Quarter	28	1.58
A68	3/17/10	2010	1st Quarter	18.9	1.7
A68	4/16/10	2010	2nd Quarter	92	3.21
A68	5/5/10	2010	2nd Quarter	131.1	1.33
A68	5/5/10	2010	2nd Quarter	131.1	1.40
A68	6/2/10	2010	2nd Quarter	517	1.1
A68	6/2/10	2010	2nd Quarter	624	0.95
A68	7/8/10	2010	3rd Quarter	125	0.80
A68	7/8/10	2010	3rd Quarter	125	0.82
A68	7/13/10	2010	3rd Quarter	81.0	0.8
A68	8/10/10	2010	3rd Quarter	92	1.19
A68	9/9/10	2010	3rd Quarter	57	0.98
A68	9/9/10	2010	3rd Quarter	73	1.20
A68	9/14/10	2010	3rd Quarter	44.0	1.3
A68	10/4/10	2010	4th Quarter	39	0.95
A68	11/2/10	2010	4th Quarter	36.0	1.3
A68	11/3/10	2010	4th Quarter	58	0.95
A68	11/3/10	2010	4th Quarter	58	1.20
A68	12/7/10	2010	4th Quarter	27	1.33
A68	1/5/11	2011	1st Quarter	26	1.79
A68	1/5/11	2011	1st Quarter	26	2.20
A68	2/11/11	2011	1st Quarter	22	2.09
A68	3/9/11	2011	1st Quarter	14	2.27
A68	3/9/11	2011	1st Quarter	42	2.6
A68	3/15/11	2011	1st Quarter	23.0	2.6
A68	4/6/11	2011	2nd Quarter	45	3.62
A68	5/4/11	2011	2nd Quarter	35	3
A68	5/8/11	2011	2nd Quarter	133	1.71
A68	6/3/11	2011	2nd Quarter	457	0.95
A68	6/14/11	2011	2nd Quarter	666	1.1
A68	7/5/11	2011	3rd Quarter	445	0.75
A68	7/19/11	2011	3rd Quarter	339	0.8
A68	8/1/11	2011	3rd Quarter	172	0.7
A68	8/16/11	2011	3rd Quarter	67.0	1
A68	9/7/11	2011	3rd Quarter	49	0.82
A68	9/7/11	2011	3rd Quarter	51	1.1
A68	9/13/11	2011	3rd Quarter	40.0	1.1
A68	10/7/11	2011	4th Quarter	45	1.29
A68	10/18/11	2011	4th Quarter	46.0	1.2

A68	11/2/11	2011	4th Quarter	96	1.2
CC48	12/13/94	1994	4th Quarter	15.00	2.28
CC48	1/18/95	1995	1st Quarter	15.00	2.42
CC48	2/15/95	1995	1st Quarter	17.00	3.24
CC48	3/1/95	1995	1st Quarter	21.00	3.17
CC48	3/15/95	1995	1st Quarter	24.00	4.01
CC48	4/12/95	1995	2nd Quarter	24.00	3.71
CC48	4/19/95	1995	2nd Quarter	23.00	3.39
CC48	5/3/95	1995	2nd Quarter	24.00	3.63
CC48	5/10/95	1995	2nd Quarter	23.00	2.92
CC48	8/16/95	1995	3rd Quarter	40.00	1.65
CC48	9/13/95	1995	3rd Quarter	25.00	1.64
CC48	10/11/95	1995	4th Quarter	18.00	1.66
CC48	11/15/95	1995	4th Quarter	17.00	1.67
CC48	12/13/95	1995	4th Quarter	14.00	1.54
CC48	1/17/96	1996	1st Quarter	15.00	1.32
CC48	8/13/97	1997	3rd Quarter	33.00	2.42
CC48	9/11/97	1997	3rd Quarter	16.00	1.37
CC48	9/17/97	1997	3rd Quarter	21.00	1.46
CC48	10/15/97	1997	4th Quarter	38.00	1.80
CC48	11/12/97	1997	4th Quarter	16.00	2.39
CC48	12/17/97	1997	4th Quarter	15.00	2.09
CC48	1/14/98	1998	1st Quarter	14.00	1.65
CC48	2/11/98	1998	1st Quarter	14.00	1.87
CC48	3/4/98	1998	1st Quarter	13.00	2.07
CC48	3/18/98	1998	1st Quarter	13.00	1.67
CC48	4/1/98	1998	2nd Quarter	16.00	1.60
CC48	4/15/98	1998	2nd Quarter	16.00	1.60
CC48	4/29/98	1998	2nd Quarter	43.00	2.04
CC48	5/5/98	1998	2nd Quarter	80.00	2.61
CC48	5/13/98	1998	2nd Quarter	81.00	2.52
CC48	6/3/98	1998	2nd Quarter	183.00	2.05
CC48	6/10/98	1998	2nd Quarter	85.00	2.37
CC48	6/17/98	1998	2nd Quarter	93.00	2.46
CC48	6/24/98	1998	2nd Quarter	116.00	1.69
CC48	7/8/98	1998	3rd Quarter	84.00	1.81
CC48	7/15/98	1998	3rd Quarter	54.00	1.81
CC48	7/22/98	1998	3rd Quarter	40.00	1.91
CC48	8/26/98	1998	3rd Quarter	20.00	1.64
CC48	9/2/98	1998	3rd Quarter	18.00	1.30
CC48	9/16/98	1998	3rd Quarter	18.00	1.46
CC48	10/14/98	1998	4th Quarter	18.00	2.31
CC48	11/18/98	1998	4th Quarter	20.00	1.56
CC48	1/13/99	1999	1st Quarter	15.00	1.44

CC48	2/24/99	1999	1st Quarter	14.00	1.23
CC48	3/17/99	1999	1st Quarter	14.00	1.49
CC48	4/1/99	1999	2nd Quarter	23.00	4.93
CC48	4/21/99	1999	2nd Quarter	38.00	2.02
CC48	6/23/99	1999	3rd Quarter	192.00	2.10
CC48	9/13/99	1999	3rd Quarter	27.00	1.83
CC48	10/14/99	1999	4th Quarter	18.00	21.80
CC48	11/17/99	1999	4th Quarter	14.00	21.78
CC48	12/15/99	1999	4th Quarter	13.00	2.35
CC48	1/12/00	2000	1st Quarter	14.00	2.14
CC48	2/28/00	2000	1st Quarter	9.40	3.23
CC48	3/15/00	2000	1st Quarter	13.00	2.05
CC48	6/27/02	2002	2nd Quarter	15.00	1.74
CC48	7/17/02	2002	3rd Quarter	12.00	1.74
CC48	8/14/02	2002	3rd Quarter	13.00	1.92
CC48	9/18/02	2002	3rd Quarter	17.00	3.00
CC48	10/25/02	2002	4th Quarter	15.00	2.40
CC48	11/12/02	2002	4th Quarter	14.00	2.22
CC48	12/8/02	2002	4th Quarter	13.00	2.03
CC48	1/8/03	2003	1st Quarter	8.50	2.29
CC48	2/1/03	2003	1st Quarter	8.70	3.53
CC48	3/9/03	2003	1st Quarter	9.70	3.05
CC48	4/24/03	2003	2nd Quarter	23.00	6.56
CC48	5/7/03	2003	2nd Quarter	33.00	6.79
CC48	6/2/03	2003	2nd Quarter	194.00	2.89
CC48	3/3/04	2004	1st Quarter	9.80	6.66
CC48	7/6/05	2005	3rd Quarter	77.00	2.90
CC48	9/15/05	2005	3rd Quarter	17.00	7.10
CC48	10/13/05	2005	4th Quarter	22.00	7.10
CC48	11/2/05	2005	4th Quarter	20.00	6.08
CC48	12/20/05	2005	4th Quarter	13.00	5.98
CC48	1/6/06	2006	1st Quarter	13.00	7.60
CC48	1/6/06	2006	1st Quarter	13.00	6.23
CC48	2/8/06	2006	1st Quarter	12.00	5.66
CC48	3/15/06	2006	1st Quarter	16.00	6.20
CC48	5/10/06	2006	2nd Quarter	59.00	3.60
CC48	6/6/06	2006	2nd Quarter	142.00	2.33
CC48	7/12/06	2006	3rd Quarter	33.00	5.70
CC48	7/12/06	2006	3rd Quarter	33.00	5.52
CC48	9/6/06	2006	3rd Quarter	20.00	7.80
CC48	11/1/06	2006	4th Quarter	38.00	5.20
CC48	3/7/07	2007	1st Quarter	14.00	7.50
CC48	5/11/07	2007	2nd Quarter	119.00	4.50
CC48	7/11/07	2007	3rd Quarter	37.00	4.90
CC48	9/5/07	2007	3rd Quarter	20.00	10.00
CC48	11/7/07	2007	4th Quarter	20.00	7.10
CC48	3/12/08	2008	1st Quarter	13.00	7.00
CC48	7/9/08	2008	3rd Quarter	93.00	3.90
CC48	9/3/08	2008	3rd Quarter	20.00	6.98
CC48	3/3/09	2009	1st Quarter	14.00	6.10

CC48	5/13/09	2009	2nd Quarter	308.00	2.40
CC48	5/13/09	2009	2nd Quarter	308.00	2.23
CC48	5/19/09	2009	2nd Quarter	265.00	2.10
CC48	6/16/09	2009	2nd Quarter	61.00	3.30
CC48	7/8/09	2009	3rd Quarter	40.00	4.40
CC48	7/14/09	2009	3rd Quarter	32.00	4.40
CC48	8/18/09	2009	3rd Quarter	16.00	6.40
CC48	9/16/09	2009	3rd Quarter	17.00	6.40
CC48	9/16/09	2009	3rd Quarter	17.00	6.14
CC48	9/22/09	2009	3rd Quarter	16.00	6.70
CC48	11/4/09	2009	4th Quarter	15.00	6.10
CC48	11/17/09	2009	4th Quarter	14.00	6.30
CC48	3/17/10	2010	1st Quarter	11.00	5.60
CC48	4/13/10	2010	2nd Quarter	31.00	4.50
CC48	5/5/10	2010	2nd Quarter	70.00	4.10
CC48	5/5/10	2010	2nd Quarter	70.00	4.02
CC48	6/2/10	2010	2nd Quarter	161.00	2.30
CC48	7/8/10	2010	3rd Quarter	26.00	4.60
CC48	7/8/10	2010	3rd Quarter	26.00	4.46
CC48	7/13/10	2010	3rd Quarter	21.00	4.80
CC48	9/9/10	2010	3rd Quarter	17.00	6.00
CC48	9/9/10	2010	3rd Quarter	17.00	5.31
CC48	9/14/10	2010	3rd Quarter	15.00	5.80
CC48	11/2/10	2010	4th Quarter	15.00	6.80
CC48	11/3/10	2010	4th Quarter	14.00	6.70
CC48	11/3/10	2010	4th Quarter	14.00	5.34
CC48	3/9/11	2011	1st Quarter	12.00	5.60
CC48	3/15/11	2011	1st Quarter	12.00	5.00
CC48	5/4/11	2011	2nd Quarter	19.00	5.50
CC48	6/14/11	2011	2nd Quarter	282.00	2.00
CC48	7/19/11	2011	3rd Quarter	68.00	3.10
CC48	8/16/11	2011	3rd Quarter	21.00	5.30
CC48	9/7/11	2011	3rd Quarter	18.00	6.20
CC48	9/13/11	2011	3rd Quarter	18.00	5.70
CC48	10/18/11	2011	4th Quarter	19.00	7.10
CC48	11/2/11	2011	4th Quarter	17.00	6.10
CC48	5/15/12	2012	2nd Quarter	68.00	2.81
CC48	10/2/12	2012	4th Quarter	14.00	5.74
CC48	5/14/13	2013	2nd Quarter	123.00	3.31
M34	9/5/91	1991	3rd Quarter	34	1.3
M34	9/6/91	1991	3rd Quarter	89	1.2
M34	9/7/91	1991	3rd Quarter	118	0.8
M34	9/9/91	1991	3rd Quarter	112	0.8
M34	9/10/91	1991	3rd Quarter	108	0.6
M34	12/7/91	1991	4th Quarter	21	1.44
M34	2/13/92	1992	1st Quarter	15.00	1.26
M34	3/5/92	1992	1st Quarter	17.00	1.26
M34	3/16/92	1992	1st Quarter	21.00	2.02
M34	4/13/92	1992	2nd Quarter	26	1.7
M34	4/20/92	1992	2nd Quarter	52	1.62
M34	4/30/92	1992	2nd Quarter	189	1.57
M34	5/5/92	1992	2nd Quarter	202	1.38
M34	5/11/92	1992	2nd Quarter	145	1.99

M34	5/18/92	1992	2nd Quarter	305	0.75
M34	5/26/92	1992	2nd Quarter	307	0.84
M34	6/1/92	1992	2nd Quarter	193	0.99
M34	6/8/92	1992	2nd Quarter	276	0.58
M34	6/15/92	1992	2nd Quarter	345	0.5
M34	6/22/92	1992	2nd Quarter	406	0.39
M34	6/23/92	1992	2nd Quarter	379	0.74
M34	6/24/92	1992	2nd Quarter	378	0.9
M34	7/14/92	1992	3rd Quarter	152	0.33
M34	7/21/92	1992	3rd Quarter	105	0.47
M34	7/27/92	1992	3rd Quarter	178	0.43
M34	8/10/92	1992	3rd Quarter	89	0.58
M34	8/24/92	1992	3rd Quarter	162	0.91
M34	9/15/92	1992	3rd Quarter	69	1.73
M34	9/15/92	1992	3rd Quarter	53	1.1
M34	10/14/92	1992	4th Quarter	32	1.4
M34	10/15/92	1992	4th Quarter	31	1.3
M34	11/18/92	1992	4th Quarter	29	1.19
M34	12/16/92	1992	4th Quarter	20	1.02
M34	1/13/93	1993	1st Quarter	17.00	1.07
M34	2/17/93	1993	1st Quarter	17.00	1.44
M34	3/10/93	1993	1st Quarter	24.00	1.81
M34	3/31/93	1993	1st Quarter	25.00	1.79
M34	4/14/93	1993	2nd Quarter	29	1.44
M34	4/21/93	1993	2nd Quarter	39	1.59
M34	4/28/93	1993	2nd Quarter	109	1.34
M34	5/4/93	1993	2nd Quarter	112	1.66
M34	5/12/93	1993	2nd Quarter	140	1.5
M34	5/26/93	1993	2nd Quarter	575	0.47
M34	6/9/93	1993	2nd Quarter	213	0.67
M34	6/16/93	1993	2nd Quarter	863	0.46
M34	6/23/93	1993	2nd Quarter	738	0.22
M34	7/14/93	1993	3rd Quarter	261	0.36
M34	7/20/93	1993	3rd Quarter	175	0.43
M34	7/21/93	1993	3rd Quarter	184	0.4
M34	7/21/93	1993	3rd Quarter	175	0.57
M34	7/28/93	1993	3rd Quarter	140	0.35
M34	8/25/93	1993	3rd Quarter	67	0.7
M34	9/15/93	1993	3rd Quarter	61	0.9
M34	10/13/93	1993	4th Quarter	43	1.03
M34	11/17/93	1993	4th Quarter	40	1.06
M34	12/15/93	1993	4th Quarter	38	0.99
M34	1/12/94	1994	1st Quarter	40.00	0.98
M34	10/12/94	1994	4th Quarter	53	1.28
M34	11/9/94	1994	4th Quarter	36	1.9
M34	11/9/94	1994	4th Quarter	38	1.24
M34	12/13/94	1994	4th Quarter	33	1.02
M34	1/18/95	1995	1st Quarter	19.60	1.06
M34	4/12/95	1995	2nd Quarter	42	1.2
M34	4/12/95	1995	2nd Quarter	1	1.08
M34	4/19/95	1995	2nd Quarter	40	1.57
M34	5/3/95	1995	2nd Quarter	43	1.44
M34	5/10/95	1995	2nd Quarter	41	1.46

M34	5/22/95	1995	2nd Quarter	226	1.18
M34	6/7/95	1995	2nd Quarter	317	0.69
M34	6/14/95	1995	2nd Quarter	718	0.52
M34	6/21/95	1995	2nd Quarter	770	0.58
M34	6/28/95	1995	2nd Quarter	529	0.38
M34	7/5/95	1995	3rd Quarter	380	0.47
M34	7/12/95	1995	3rd Quarter	797	0.32
M34	7/19/95	1995	3rd Quarter	540	0.3
M34	8/2/95	1995	3rd Quarter	298	0.32
M34	8/8/95	1995	3rd Quarter	290	0.4
M34	8/8/95	1995	3rd Quarter	260	0.41
M34	8/16/95	1995	3rd Quarter	162	0.36
M34	9/6/95	1995	3rd Quarter	93	0.6
M34	9/13/95	1995	3rd Quarter	77	0.65
M34	10/5/95	1995	4th Quarter	46	1.2
M34	10/5/95	1995	4th Quarter	48	1.2
M34	11/29/95	1995	4th Quarter	24	2
M34	1/16/96	1996	1st Quarter	16.00	1.60
M34	2/14/96	1996	1st Quarter	20.00	1.26
M34	3/13/96	1996	1st Quarter	25.00	1.48
M34	3/20/96	1996	1st Quarter	23.00	1.57
M34	4/3/96	1996	2nd Quarter	-9	2.07
M34	4/9/96	1996	2nd Quarter	58	2
M34	4/10/96	1996	2nd Quarter	77	1.44
M34	4/17/96	1996	2nd Quarter	41	1.41
M34	5/1/96	1996	2nd Quarter	110	1.18
M34	5/8/96	1996	2nd Quarter	312	0.88
M34	5/15/96	1996	2nd Quarter	514	0.5
M34	5/29/96	1996	2nd Quarter	112	0.99
M34	6/5/96	1996	2nd Quarter	348	0.48
M34	6/12/96	1996	2nd Quarter	245	0.37
M34	6/19/96	1996	2nd Quarter	208	0.33
M34	6/26/96	1996	2nd Quarter	148	0.39
M34	7/3/96	1996	3rd Quarter	133	0.47
M34	7/10/96	1996	3rd Quarter	121	0.55
M34	7/16/96	1996	3rd Quarter	75	0.8
M34	7/17/96	1996	3rd Quarter	74	0.58
M34	8/7/96	1996	3rd Quarter	44	0.69
M34	8/21/96	1996	3rd Quarter	35	0.99
M34	9/18/96	1996	3rd Quarter	72	0.69
M34	10/16/96	1996	4th Quarter	73	0.72
M34	11/13/96	1996	4th Quarter	46	1.41
M34	11/19/96	1996	4th Quarter	35	2.0
M34	12/18/96	1996	4th Quarter	31	1.17
M34	1/3/97	1997	1st Quarter	26.30	2.00
M34	1/7/97	1997	1st Quarter	23.00	5.00
M34	1/15/97	1997	1st Quarter	24.00	1.43
M34	1/30/97	1997	1st Quarter	25.80	2.00
M34	2/25/97	1997	1st Quarter	20.90	2.00
M34	3/12/97	1997	1st Quarter	24.00	1.77
M34	3/19/97	1997	1st Quarter	30.00	1.59
M34	3/25/97	1997	1st Quarter	40.40	2.00
M34	4/2/97	1997	2nd Quarter	38	1.27

M34	4/16/97	1997	2nd Quarter	33	1.86
M34	4/29/97	1997	2nd Quarter	69	2.0
M34	4/30/97	1997	2nd Quarter	66	1.07
M34	5/13/97	1997	2nd Quarter	210	2.9
M34	5/20/97	1997	2nd Quarter	273	2.0
M34	5/21/97	1997	2nd Quarter	352	0.59
M34	5/28/97	1997	2nd Quarter	175	0.82
M34	5/28/97	1997	2nd Quarter	171	2.0
M34	6/5/97	1997	2nd Quarter	752	2.0
M34	6/12/97	1997	2nd Quarter	494	2.0
M34	6/17/97	1997	2nd Quarter	468	2.0
M34	6/26/97	1997	2nd Quarter	445	2.0
M34	7/1/97	1997	3rd Quarter	487	2.0
M34	7/9/97	1997	3rd Quarter	246	0.5
M34	7/14/97	1997	3rd Quarter	242	2.0
M34	7/30/97	1997	3rd Quarter	393	2.0
M34	8/10/97	1997	3rd Quarter	445	2.0
M34	8/12/97	1997	3rd Quarter	204	2.0
M34	8/13/97	1997	3rd Quarter	192	0.50
M34	8/25/97	1997	3rd Quarter	90	2.0
M34	8/25/97	1997	3rd Quarter	94	2.0
M34	9/11/97	1997	3rd Quarter	86	0.8
M34	9/25/97	1997	3rd Quarter	181	2.0
M34	10/22/97	1997	4th Quarter	83	17.2
M34	11/12/97	1997	4th Quarter	51	1.3
M34	11/25/97	1997	4th Quarter	39	7.0
M34	12/23/97	1997	4th Quarter	15	2.0
M34	1/7/98	1998	1st Quarter	24.00	1.30
M34	2/13/98	1998	1st Quarter	29.20	2.00
M34	3/5/98	1998	1st Quarter	21.00	1.70
M34	3/16/98	1998	1st Quarter	19.40	2.00
M34	3/19/98	1998	1st Quarter	25.00	2.31
M34	4/22/98	1998	2nd Quarter	29	2.0
M34	5/5/98	1998	2nd Quarter	157	3.4
M34	5/7/98	1998	2nd Quarter	11	1
M34	5/28/98	1998	2nd Quarter	424	2.0
M34	6/2/98	1998	2nd Quarter	618	2.0
M34	6/10/98	1998	2nd Quarter	197	2.2
M34	6/25/98	1998	2nd Quarter	300	2.2
M34	7/1/98	1998	3rd Quarter	382	0.3
M34	7/9/98	1998	3rd Quarter	254	2.0
M34	7/22/98	1998	3rd Quarter	119	2.0
M34	9/9/98	1998	3rd Quarter	51	0.9
M34	9/30/98	1998	3rd Quarter	45	2.0
M34	11/3/98	1998	4th Quarter	40	1.2
M34	1/6/99	1999	1st Quarter	21.00	1.40
M34	3/3/99	1999	1st Quarter	20.00	1.80
M34	5/6/99	1999	2nd Quarter	41	1.4
M34	1/5/00	2000	1st Quarter	34.00	1.00
M34	3/1/00	2000	1st Quarter	20.00	1.30
M34	5/3/00	2000	2nd Quarter	235	1
M34	7/5/00	2000	3rd Quarter	76	0.6
M34	9/6/00	2000	3rd Quarter	65	0.9



M34	5/7/03	2003	2nd Quarter	65	0.73
M34	7/2/03	2003	3rd Quarter	92	0.53
M34	9/11/03	2003	3rd Quarter	90	0.91
M34	3/3/04	2004	1st Quarter	45.00	1.10
M34	5/5/04	2004	2nd Quarter	155	1
M34	5/5/04	2004	2nd Quarter	155	1.03
M34	7/7/04	2004	3rd Quarter	129	0.5
M34	7/7/04	2004	3rd Quarter	129	0.90
M34	9/1/04	2004	3rd Quarter	35	0.9
M34	10/14/04	2004	4th Quarter	55	0.69
M34	11/10/04	2004	4th Quarter	47	0.2
M34	5/4/05	2005	2nd Quarter	51	0.9
M34	5/4/05	2005	2nd Quarter	51	1.14
M34	7/6/05	2005	3rd Quarter	392	0.3
M34	9/15/05	2005	3rd Quarter	45	0.8
M34	9/15/05	2005	3rd Quarter	45	0.7
M34	11/2/05	2005	4th Quarter	52	0.9
M34	1/6/06	2006	1st Quarter	21.00	1.40
M34	3/15/06	2006	1st Quarter	19.00	1.40
M34	5/10/06	2006	2nd Quarter	100	0.7
M34	7/12/06	2006	3rd Quarter	120	0.5
M34	9/6/06	2006	3rd Quarter	49	0.6
M34	11/1/06	2006	4th Quarter	71	0.8
M34	3/7/07	2007	1st Quarter	22.00	1.30
M34	5/11/07	2007	2nd Quarter	228	0.7
M34	7/11/07	2007	3rd Quarter	138	0.4
M34	9/5/07	2007	3rd Quarter	61	10
M34	11/7/07	2007	4th Quarter	44	0.8
M34	3/12/08	2008	1st Quarter	80.00	1.30
M34	7/9/08	2008	3rd Quarter	261	0.5
M34	9/3/08	2008	3rd Quarter	86	0.60
M34	3/3/09	2009	1st Quarter	25.00	1.10
M34	5/13/09	2009	2nd Quarter	636	0.8
M34	5/19/09	2009	2nd Quarter	416	0.3
M34	6/16/09	2009	2nd Quarter	212	0.2
M34	7/8/09	2009	3rd Quarter	187	0.4
M34	7/14/09	2009	3rd Quarter	119	0.4
M34	8/18/09	2009	3rd Quarter	41	0.7
M34	9/16/09	2009	3rd Quarter	30	0.8
M34	9/22/09	2009	3rd Quarter	53	0.7
M34	11/4/09	2009	4th Quarter	30	0.9
M34	3/3/10	2010	1st Quarter	25.00	1.10
M34	5/5/10	2010	2nd Quarter	130	0.80
M34	7/8/10	2010	3rd Quarter	109	0.40
M34	11/3/10	2010	4th Quarter	38	0.80
M34	5/4/11	2011	2nd Quarter	43	1.1
M34	6/14/11	2011	2nd Quarter	515	0.4
M34	7/19/11	2011	3rd Quarter	266	0.3
M34	8/16/11	2011	3rd Quarter	66.0	0.5
M34	9/7/11	2011	3rd Quarter	48	0.8
M34	9/13/11	2011	3rd Quarter	37.0	0.7
M34	10/18/11	2011	4th Quarter	50.0	0.6
M34	11/2/11	2011	4th Quarter	35	0.7





2nd Quarter	9.37
3rd Quarter	6.23
4th Quarter	1.16
2009	26.01
1st Quarter	0.97
2nd Quarter	18.45
3rd Quarter	5.65
4th Quarter	0.94
2010	14.95
1st Quarter	0.73
2nd Quarter	9.79
3rd Quarter	3.11
4th Quarter	1.32
2011	17.12
1st Quarter	1.89
2nd Quarter	8.96
3rd Quarter	5.03
4th Quarter	1.23
CC48	94.76
1994	0.18
4th Quarter	0.18
1995	4.11
1st Quarter	1.37
2nd Quarter	1.73
3rd Quarter	0.58
4th Quarter	0.43
1996	0.11
1st Quarter	0.11
1997	1.46
3rd Quarter	0.71
4th Quarter	0.74
1998	11.50
1st Quarter	0.53
2nd Quarter	8.38
3rd Quarter	2.20
4th Quarter	0.39
1999	7.71
1st Quarter	0.32
2nd Quarter	1.03
3rd Quarter	2.44
4th Quarter	3.93
2000	0.47
1st Quarter	0.47
2002	1.17
2nd Quarter	0.14

[illegible]

3rd Quarter	0.52
4th Quarter	0.50
2003	5.48
1st Quarter	0.43
2nd Quarter	5.05
2004	0.35
1st Quarter	0.35
2005	3.77
3rd Quarter	1.86
4th Quarter	1.92
2006	8.71
1st Quarter	1.87
2nd Quarter	2.93
3rd Quarter	2.84
4th Quarter	1.07
2007	6.28
1st Quarter	0.57
2nd Quarter	2.89
3rd Quarter	2.06
4th Quarter	0.77
2008	3.20
1st Quarter	0.49
3rd Quarter	2.71
2009	17.20
1st Quarter	0.46
2nd Quarter	11.78
3rd Quarter	3.99
4th Quarter	0.97
2010	10.93
1st Quarter	0.33
2nd Quarter	5.82
3rd Quarter	3.32
4th Quarter	1.46
2011	8.47
1st Quarter	0.69
2nd Quarter	3.61
3rd Quarter	2.89
4th Quarter	1.29
2012	1.46
2nd Quarter	1.03
4th Quarter	0.43
2013	2.20
2nd Quarter	2.20
M34	189.00
1991	2.32

3rd Quarter	2.16
4th Quarter	0.16
1992	19.19
1st Quarter	0.45
2nd Quarter	15.00
3rd Quarter	2.98
4th Quarter	0.76
1993	12.76
1st Quarter	0.71
2nd Quarter	8.73
3rd Quarter	2.66
4th Quarter	0.67
1994	1.38
1st Quarter	0.21
4th Quarter	1.17
1995	16.19
1st Quarter	0.11
2nd Quarter	9.40
3rd Quarter	5.81
4th Quarter	0.87
1996	11.42
1st Quarter	0.67
2nd Quarter	7.67
3rd Quarter	1.87
4th Quarter	1.21
1997	71.82
1st Quarter	2.52
2nd Quarter	35.01
3rd Quarter	24.59
4th Quarter	9.70
1998	27.22
1st Quarter	1.20
2nd Quarter	20.39
3rd Quarter	5.38
4th Quarter	0.26
1999	0.66
1st Quarter	0.35
2nd Quarter	0.31
2000	2.15
1st Quarter	0.32
2nd Quarter	1.27
3rd Quarter	0.56
2003	0.96
2nd Quarter	0.26
3rd Quarter	0.71

2004	3.36
1st Quarter	0.27
2nd Quarter	1.69
3rd Quarter	1.15
4th Quarter	0.26
2005	1.81
2nd Quarter	0.56
3rd Quarter	1.00
4th Quarter	0.25
2006	1.47
1st Quarter	0.30
2nd Quarter	0.38
3rd Quarter	0.48
4th Quarter	0.31
2007	4.79
1st Quarter	0.15
2nd Quarter	0.86
3rd Quarter	3.59
4th Quarter	0.19
2008	1.54
1st Quarter	0.56
3rd Quarter	0.98
2009	5.08
1st Quarter	0.15
2nd Quarter	3.65
3rd Quarter	1.14
4th Quarter	0.15
2010	1.11
1st Quarter	0.15
2nd Quarter	0.56
3rd Quarter	0.24
4th Quarter	0.16
2011	2.62
2nd Quarter	1.37
3rd Quarter	0.96
4th Quarter	0.29
2012	0.64
2nd Quarter	0.52
4th Quarter	0.11
2013	0.50
2nd Quarter	0.50
Grand Total	876.14

Row Labels	Sum of Load (lbs/day)
A72	464.12
1991	
3rd Quarter	7.47
1992	
2nd Quarter	17.08
4th Quarter	0.55
1993	
3rd Quarter	4.79
1996	
1st Quarter	0.56
4th Quarter	4.81
1997	
1st Quarter	3.39
2nd Quarter	95.37
3rd Quarter	33.57
4th Quarter	22.95
1998	
1st Quarter	1.36
2nd Quarter	66.63
3rd Quarter	13.22
1999	
2nd Quarter	7.25
2003	
2nd Quarter	2.60
3rd Quarter	5.73

Year & Quarte	M34	CC48
		Quarterly Total
		lbs/day
1991 Q1		
1991 Q2		
1991 Q3	2.16	
1991 Q4	0.16	
1992 Q1	0.45	
1992 Q2	15.00	
1992 Q3	2.98	
1992 Q4	0.76	
1993 Q1	0.71	
1993 Q1	8.73	
1993 Q3	2.66	
1993 Q4	0.67	
1994 Q1	0.21	
1994 Q2		
1994 Q3		
1994 Q4	1.17	0.18
1995 Q1	0.11	1.37
1995 Q2	9.40	1.73
1995 Q3	5.81	0.58
1995 Q4	0.87	0.43
1996 Q1	0.67	0.11
1996 Q2	7.67	
1996 Q3	1.87	
1996 Q4	1.21	

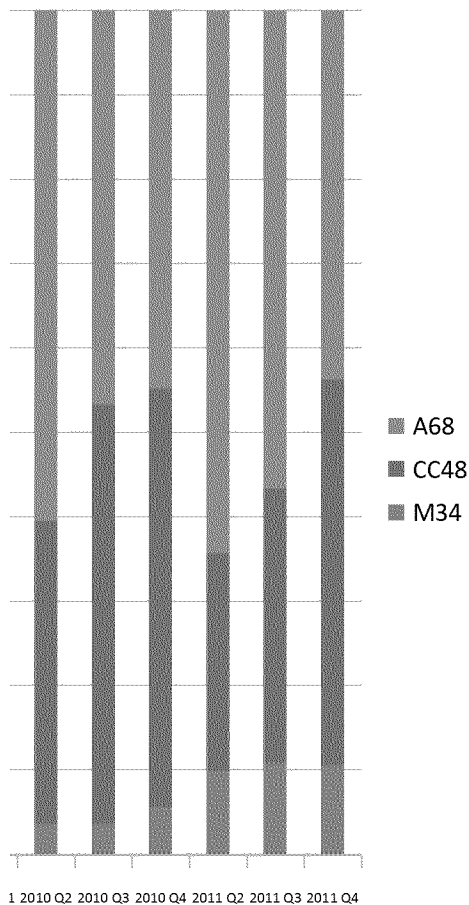


2004		1997 Q1	2.52	
2nd Quarter	21.95	1997 Q2	35.01	
3rd Quarter	6.93	1997 Q3	24.59	0.71
4th Quarter	4.63	1997 Q4	9.70	0.74
2005		1998 Q1	1.20	0.53
2nd Quarter	6.68	1998 Q2	20.39	8.38
3rd Quarter	8.20	1998 Q3	5.38	2.20
4th Quarter	5.79	1998 Q4	0.26	0.39
2006		1999 Q1	0.35	0.32
2nd Quarter	6.20	1999 Q2	0.31	1.03
3rd Quarter	3.76	1999 Q3		2.44
4th Quarter	1.89	1999 Q4		3.93
2007		2000 Q1	0.32	0.47
2nd Quarter	6.17	2000 Q2	1.27	
3rd Quarter	10.38	2000 Q3	0.56	
4th Quarter	1.35	2000 Q4		
2008		2001 Q1		
3rd Quarter	7.26	2001 Q2		
2009		2001 Q3		
2nd Quarter	37.40	2002 Q1		
3rd Quarter	8.09	2002 Q2		0.14
4th Quarter	1.90	2002 Q3		0.52
2010		2002 Q4		0.50
1st Quarter	0.78	2003 Q1		0.43
2nd Quarter	9.83	2003 Q2	0.26	5.05
3rd Quarter	4.92	2003 Q3	0.71	
4th Quarter	2.89	2003 Q4		
2011		2004 Q1	0.27	0.35
1st Quarter	1.18	2004 Q2	1.69	
2nd Quarter	9.68	2004 Q3	1.15	
3rd Quarter	6.34	2004 Q4	0.26	
4th Quarter	2.58	2005 Q2	0.56	
Grand Total	464.12	2005 Q3	1.00	1.86
		2005 Q4	0.25	1.92
		2006 Q1	0.30	1.87
		2006 Q2	0.38	2.93
		2006 Q3	0.48	2.84
		2006 Q4	0.31	1.07
		2007 Q1	0.15	0.57
		2007 Q2	0.86	2.89
		2007 Q3	3.59	2.06
		2007 Q4	0.19	0.77
		2008 Q1	0.56	0.49
		2008 Q2		
		2008 Q3	0.98	2.71
		2008 Q4		
		2009 Q1	0.15	0.46
		2009 Q2	3.65	11.78
		2009 Q3	1.14	3.99
		2009 Q4	0.15	0.97
		2010 Q1	0.15	0.33
		2010 Q2	0.56	5.82

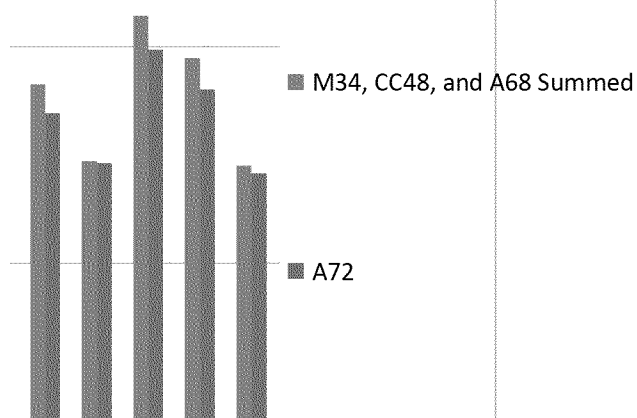
2010 Q3	0.24	3.32
2010 Q4	0.16	1.46
2011 Q1		0.69
2011 Q2	1.37	3.61
2011 Q3	0.96	2.89
2011 Q4	0.29	1.29
2012 Q2	0.52	1.03
2012 Q4	0.11	0.43
2013 Q2	0.50	2.20

1996 Q1	0.67	0.11	0.97530	0.56
1997 Q3	24.59	0.71	27.67	33.57
1997 Q4	9.70	0.74	11.83	22.95
1998 Q1	1.20	0.53	2.56	1.36
1998 Q2	20.39	8.38	47.73	66.63
1998 Q3	5.38	2.20	12.01	13.22
1999 Q2	0.31	1.03	4.65	7.25
2003 Q2	0.26	5.05	10.16	2.60
2005 Q3	1.00	1.86	5.36	8.20
2005 Q4	0.25	1.92	2.47	5.79
2006 Q2	0.38	2.93	9.54	6.20
2006 Q3	0.48	2.84	4.35	3.76
2006 Q4	0.31	1.07	4.31	1.89
2007 Q2	0.86	2.89	12.10	6.17
2007 Q3	3.59	2.06	4.83	10.38
2007 Q4	0.19	0.77	1.40	1.35
2008 Q3	0.98	2.71	6.23	7.26
2009 Q2	3.65	11.78	18.45	37.40
2009 Q3	1.14	3.99	5.65	8.09
2009 Q4	0.15	0.97	0.94	1.90
2010 Q1	0.15	0.33	0.73	0.78
2010 Q2	0.56	5.82	9.79	9.83
2010 Q3	0.24	3.32	3.11	4.92
2010 Q4	0.16	1.46	1.32	2.89
2011 Q2	1.37	3.61	8.96	9.68
2011 Q3	0.96	2.89	5.03	6.34
2011 Q4	0.29	1.29	1.23	2.58

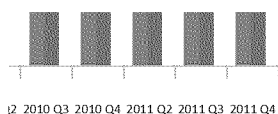
centage



to A72



Year & Quarter	M34	CC48
		Quarterly Total
		lbs/day
1996 Q1	0.67	0.11
1997 Q3	24.59	0.71
1997 Q4	9.70	0.74
1998 Q1	1.20	0.53
1998 Q2	20.39	8.38
1998 Q3	5.38	2.20
1999 Q2	0.31	1.03
2003 Q2	0.26	5.05
2005 Q3	1.00	1.86
2005 Q4	0.25	1.92
2006 Q2	0.38	2.93
2006 Q3	0.48	2.84
2006 Q4	0.31	1.07
2007 Q2	0.86	2.89
2007 Q3	3.59	2.06
2007 Q4	0.19	0.77
2008 Q3	0.98	2.71
2009 Q2	3.65	11.78
2009 Q3	1.14	3.99
2009 Q4	0.15	0.97
2010 Q1	0.15	0.33
2010 Q2	0.56	5.82
2010 Q3	0.24	3.32
2010 Q4	0.16	1.46
2011 Q2	1.37	3.61
2011 Q3	0.96	2.89
2011 Q4	0.29	1.29



# Cadmium Totals and Loads for A68, CC48, and M34

Load (lbs/day)	Location	Date	Year
0.40	A72	9/5/91	1991
0.68	A72	9/6/91	1991
1.15	A72	9/7/91	1991
0.69	A72	9/9/91	1991
1.03	A72	9/10/91	1991
0.18	A72	6/23/92	1992
0.11	A72	06/24/92	1992
0.08	A72	10/15/92	1992
0.11	A72	7/20/93	1993
0.15	A72	7/21/93	1993
0.82	A72	1/16/96	1996
0.52	A72	4/9/96	1996
2.44	A72	10/1/96	1996
2.31	A72	11/19/96	1996
1.68	A72	1/8/97	1997
2.58	A72	1/31/97	1997
2.88	A72	2/26/97	1997
2.25	A72	3/26/97	1997
2.45	A72	4/28/97	1997
3.31	A72	5/13/97	1997
3.04	A72	5/20/97	1997
3.67	A72	5/28/97	1997
4.25	A72	6/4/97	1997
4.77	A72	6/12/97	1997
0.88	A72	6/16/97	1997
0.61	A72	6/25/97	1997
1.44	A72	7/1/97	1997
0.69	A72	7/14/97	1997
1.61	A72	8/13/97	1997
0.49	A72	9/25/97	1997
0.34	A72	10/22/97	1997
0.14	A72	11/25/97	1997
0.17	A72	12/23/97	1997
0.20	A72	2/13/98	1998
0.12	A72	3/16/98	1998
0.09	A72	4/23/98	1998
0.09	A72	5/5/98	1998

0.07	A72	5/29/98	1998
0.11	A72	6/2/98	1998
0.60	A72	6/10/98	1998
0.77	A72	6/25/98	1998
1.17	A72	7/9/98	1998
2.57	A72	7/22/98	1998
4.17	A72	9/2/98	1998
3.34	A72	9/30/98	1998
10.11	A72	6/23/99	1999
7.90	A72	5/7/03	2003
3.61	A72	7/2/03	2003
12.28	A72	9/11/03	2003
7.42	A72	5/5/04	2004
3.79	A72	5/5/04	2004
1.09	A72	5/5/04	2004
1.17	A72	7/7/04	2004
1.74	A72	7/7/04	2004
0.99	A72	9/1/04	2004
0.76	A72	9/1/04	2004
0.51	A72	10/14/04	2004
0.61	A72	11/10/04	2004
0.33	A72	11/10/04	2004
0.22	A72	4/9/05	2005
0.19	A72	5/4/05	2005
0.32	A72	5/4/05	2005
0.37	A72	7/6/05	2005
0.31	A72	8/10/05	2005
0.53	A72	9/14/05	2005
0.27	A72	9/15/05	2005
0.21	A72	10/13/05	2005
0.27	A72	11/2/05	2005
0.41	A72	11/2/05	2005
0.47	A72	12/20/05	2005
0.53	A72	4/5/06	2006
0.49	A72	4/5/06	2006
0.71	A72	5/10/06	2006
0.94	A72	7/12/06	2006
1.13	A72	9/6/06	2006
3.46	A72	11/1/06	2006
1.36	A72	5/11/07	2007
4.44	A72	7/11/07	2007
9.52	A72	9/5/07	2007
14.98	A72	11/7/07	2007
4.98	A72	7/9/08	2008
2.18	A72	9/3/08	2008
8.58	A72	9/3/08	2008
4.85	A72	5/13/09	2009
1.68	A72	5/13/09	2009
0.83	A72	5/18/09	2009
1.78	A72	6/16/09	2009

0.45	A72	7/8/09	2009
0.30	A72	7/14/09	2009
0.18	A72	8/18/09	2009
0.40	A72	9/16/09	2009
0.14	A72	9/22/09	2009
0.25	A72	11/4/09	2009
0.42	A72	11/17/09	2009
0.31	A72	3/17/10	2010
0.58	A72	4/13/10	2010
1.24	A72	6/2/10	2010
1.01	A72	7/8/10	2010
1.47	A72	7/8/10	2010
3.07	A72	7/13/10	2010
5.48	A72	9/14/10	2010
1.07	A72	11/2/10	2010
2.99	A72	11/3/10	2010
1.83	A72	11/3/10	2010
1.39	A72	3/15/11	2011
1.31	A72	5/4/11	2011
0.62	A72	6/14/11	2011
0.59	A72	7/19/11	2011
0.39	A72	8/16/11	2011
0.23	A72	9/7/11	2011
0.20	A72	9/13/11	2011
0.52	A72	10/18/11	2011
0.44	A72	11/2/11	2011
0.44	A72	5/15/12	2012
0.50	A72	10/2/12	2012
0.42	A72	5/14/13	2013
0.31			
0.46			
0.86			
0.52			
0.10			
0.33			
0.43			
0.77			
1.10			
0.72			
0.70			
0.72			
1.03			
1.18			
4.67			
4.04			
5.54			
1.57			
2.77			
8.66			
9.53			

3.28  
5.20  
6.43  
6.93  
3.97  
7.29  
6.31  
3.26  
3.83  
2.71  
4.66  
2.50  
0.93  
0.36  
0.42  
0.51  
2.18  
0.73  
6.75  
0.51  
0.71  
2.38  
0.33  
0.42  
0.45  
0.56  
0.23  
0.29  
0.75  
0.27  
0.64  
0.89  
1.34  
1.55  
2.25  
3.79  
1.87  
1.68  
2.25  
2.39  
4.84  
6.70  
2.97  
2.08  
1.35  
1.48

2.14
2.30
5.23
2.74

4.14
0.93
0.72
1.52
0.32
0.40
0.40
0.36
0.47
0.57
0.42
0.29
0.75
0.35
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0.58
0.18
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0.19
0.14
0.25
1.95
0.50
0.97
0.46
0.44
0.23
3.90
1.29
0.31
0.22
0.43
0.29
0.25
0.17
0.28
0.27
0.58
0.48
0.33
0.37
0.40
0.35



0.31
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0.48  
0.35  
0.16  
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0.24  
0.45  
1.60  
1.50  
1.56

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1.03  
0.86  
0.93  
0.85  
1.51  
1.83  
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0.41  
0.28  
0.80  
0.64  
0.31  
0.24  
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0.11  
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2.14  
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8.11  
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5.25  
0.66  
2.61  
4.24  
4.80  
2.20  
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1.01  
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1.95  
7.72  
0.36  
1.46  
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0.31  
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2.89  
0.06  
4.57  
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0.26  
1.11  
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0.21  
0.14  
0.16  
0.13

3.95

0.52  
0.11  
0.50













A68	A72
	Yearly Total
	lbs/day
3.95	7.47
0.18	
0.45	
36.95	17.08
6.06	
0.73	0.55
0.88	
53.34	
10.65	4.79
0.75	
0.32	
1.48588	
1.35	
42.53624	
20.34811	
1.02045	
0.97530	0.56
21.42	#REF!
2.55195	
2.58	4.81

4.12	3.39
74.24	95.37
27.67	33.57
11.83	22.95
2.56	1.36
47.73	66.63
12.01	13.22
0.99	
1.97	
4.65	7.25
4.17	
1.14	
0.80	
1.95	
1.47	
0.46	
0.67	
3.90	
1.29	
0.53	
0.73	
1.54	
1.58	
1.22	
10.16	2.60
8.10	5.73
1.10	
1.41	
16.34	21.95
4.27	6.93
0.69	4.63
6.59	6.68
5.36	8.20
2.47	5.79
2.56	
9.54	6.20
4.35	3.76
4.31	1.89
1.05	
12.10	6.17
4.83	10.38
1.40	1.35
3.19	
9.37	
6.23	7.26
1.16	
0.97	
18.45	37.40
5.65	8.09
0.94	1.90
0.73	0.78
9.79	9.83

3.11	4.92
1.32	2.89
1.89	1.18
8.96	9.68
5.03	6.34
1.23	2.58

	#REF!
	#REF!

A68	Summed ("Predicted") Cadmium Loads of M34, CC48, and A68 for Comparison to A72	A72
		Yearly Total
	lbs/day	lbs/day
0.98	1.75	0.56
27.67	52.98	33.57
11.83	22.27	22.95
2.56	4.28	1.36
47.73	76.49	66.63
12.01	19.59	13.22
4.65	5.99	7.25
10.16	15.46	2.60
5.36	8.21	8.20
2.47	4.64	5.79
9.54	12.84	6.20
4.35	7.67	3.76
4.31	5.68	1.89
12.10	15.85	6.17
4.83	10.47	10.38
1.40	2.35	1.35
6.23	9.92	7.26
18.45	33.88	37.40
5.65	10.78	8.09
0.94	2.06	1.90
0.73	1.21	0.78
9.79	16.16	9.83
3.11	6.67	4.92
1.32	2.94	2.89
8.96	13.94	9.68
5.03	8.88	6.34
1.23	2.81	2.58

Quarter	Flow (cfs)	Total (ug/L)	Load (lbs/day)
3rd Quarter	131.0	1.40	0.99
3rd Quarter	185.0	1.50	1.50
3rd Quarter	261.0	1.20	1.69
3rd Quarter	269.0	1.10	1.60
3rd Quarter	263.0	1.20	1.70
2nd Quarter	965.0	1.60	8.33
2nd Quarter	955.0	1.70	8.76
4th Quarter	78.0	1.30	0.55
3rd Quarter	464.0	0.97	2.43
3rd Quarter	452.0	0.97	2.36
1st Quarter	64.6	1.60	0.56
4th Quarter	167.0	3.00	2.70
4th Quarter	127.0	1.50	1.03
4th Quarter	100.0	2.00	1.08
1st Quarter	55.5	2.00	0.60
1st Quarter	74.0	2.00	0.80
1st Quarter	64.8	2.00	0.70
1st Quarter	120.0	2.00	1.29
2nd Quarter	214.0	2.00	2.31
2nd Quarter	705.0	3.26	12.40
2nd Quarter	1190.0	2.49	15.96
2nd Quarter	547.0	2.00	5.90
2nd Quarter	1620.0	2.00	17.48
2nd Quarter	1230.0	2.00	13.27
2nd Quarter	1250.0	2.00	13.48
2nd Quarter	1350.0	2.00	14.56
3rd Quarter	1350.0	2.00	14.56
3rd Quarter	769.0	2.00	8.30
3rd Quarter	467.0	2.27	5.71
3rd Quarter	464.0	2.00	5.01
4th Quarter	231.0	12.52	15.60
4th Quarter	121.0	9.80	6.40
4th Quarter	88.0	2.00	0.95
1st Quarter	61.3	2.00	0.66
1st Quarter	65.2	2.00	0.70
2nd Quarter	181.0	2.56	2.50
2nd Quarter	459.0	4.50	11.15

2nd Quarter	1220.0	2.60	17.10
2nd Quarter	1190.0	2.96	19.00
2nd Quarter	663.0	2.00	7.15
2nd Quarter	901.0	2.00	9.72
3rd Quarter	691.0	2.00	7.45
3rd Quarter	334.0	2.00	3.60
3rd Quarter	201.0	0.90	0.98
3rd Quarter	110.0	2.00	1.19
2nd Quarter	1920.0	0.70	7.25
2nd Quarter	217.00	2.22	2.60
3rd Quarter	363.00	1.38	2.70
3rd Quarter	300.00	1.87	3.03
2nd Quarter	550.00	2.10	6.23
2nd Quarter	704.00	2.50	9.49
2nd Quarter	550.0	2.10	6.23
3rd Quarter	350.00	1.20	2.27
3rd Quarter	439.00	1.20	2.84
3rd Quarter	65.00	2.60	0.91
3rd Quarter	65.0	2.60	0.91
4th Quarter	148.00	2.52	2.01
4th Quarter	120.00	1.90	1.23
4th Quarter	120.00	2.15	1.39
2nd Quarter	115.00	2.69	1.67
2nd Quarter	181.00	2.40	2.34
2nd Quarter	181.00	2.73	2.67
3rd Quarter	779.00	0.80	3.36
3rd Quarter	286.0	1.26	1.94
3rd Quarter	166.00	1.71	1.53
3rd Quarter	140.00	1.80	1.36
4th Quarter	216.00	1.75	2.04
4th Quarter	131.00	2.00	1.41
4th Quarter	131.00	2.10	1.48
4th Quarter	66.00	2.40	0.85
2nd Quarter	114.00	2.94	1.81
2nd Quarter	114.0	2.94	1.81
2nd Quarter	342.00	1.40	2.58
3rd Quarter	334.00	1.30	2.34
3rd Quarter	138.00	1.90	1.41
4th Quarter	167.00	2.10	1.89
2nd Quarter	763.00	1.50	6.17
3rd Quarter	371.00	1.20	2.40
3rd Quarter	148.00	10.00	7.98
4th Quarter	119.00	2.10	1.35
3rd Quarter	798.00	1.00	4.30
3rd Quarter	165.00	1.57	1.40
3rd Quarter	181.00	1.60	1.56
2nd Quarter	2090.00	1.20	13.53
2nd Quarter	2090.00	0.90	10.15
2nd Quarter	1710	1.2	11.07
2nd Quarter	615	0.8	2.65

3rd Quarter	508.00	1.00	2.74
3rd Quarter	407	0.9	1.98
3rd Quarter	104	1.7	0.95
3rd Quarter	120.00	1.80	1.17
3rd Quarter	123	1.9	1.26
4th Quarter	73.00	2.30	0.91
4th Quarter	68	2.7	0.99
1st Quarter	51.6	2.8	0.78
2nd Quarter	138	2.9	2.16
2nd Quarter	1580	0.9	7.67
3rd Quarter	232.00	1.10	1.38
3rd Quarter	232.00	1.07	1.34
3rd Quarter	205	1.2	1.33
3rd Quarter	96	1.7	0.88
4th Quarter	99	1.9	1.01
4th Quarter	110.00	1.90	1.13
4th Quarter	102.00	1.36	0.75
1st Quarter	81.0	2.7	1.18
2nd Quarter	125.00	2.70	1.82
2nd Quarter	1620	0.9	7.86
3rd Quarter	730	0.8	3.15
3rd Quarter	158	1.4	1.19
3rd Quarter	116.00	1.70	1.06
3rd Quarter	102	1.7	0.94
4th Quarter	125.0	1.7	1.15
4th Quarter	148.00	1.80	1.44
2nd Quarter	535.00	0.957	2.76
4th Quarter	74.00	2.12	0.85
2nd Quarter	398.00	1.42	3.05































































































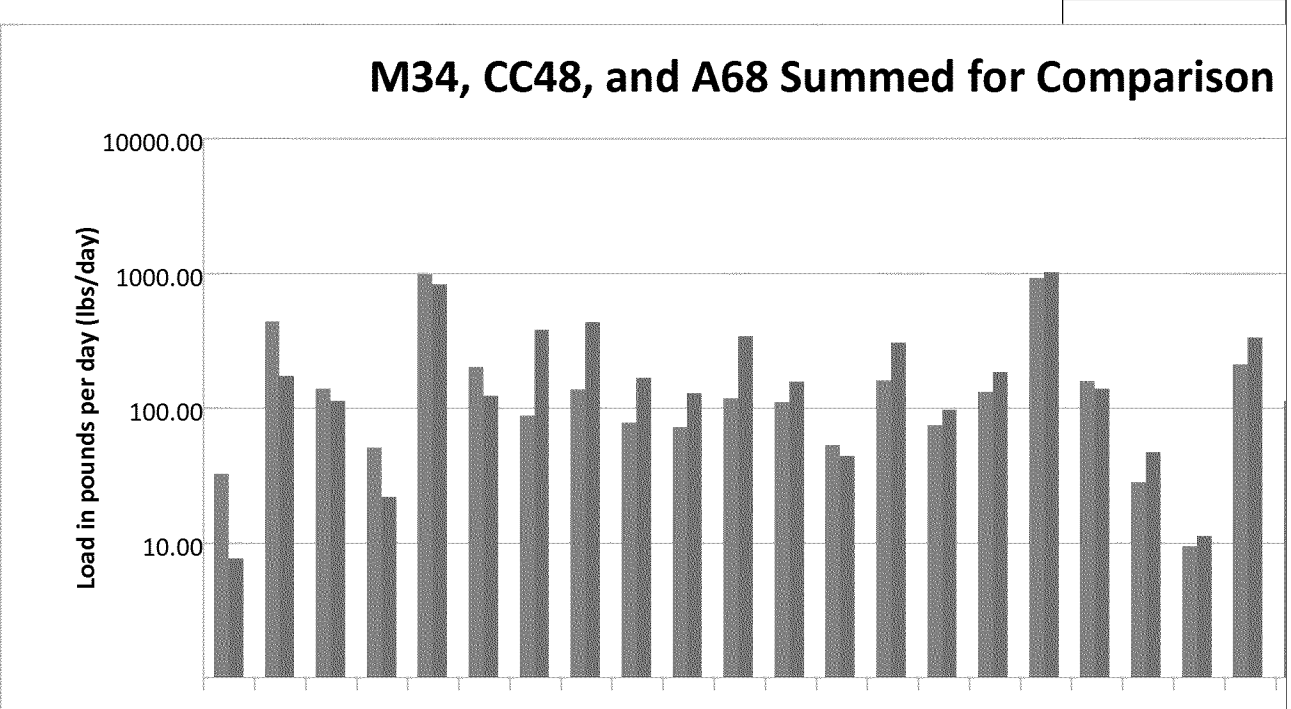
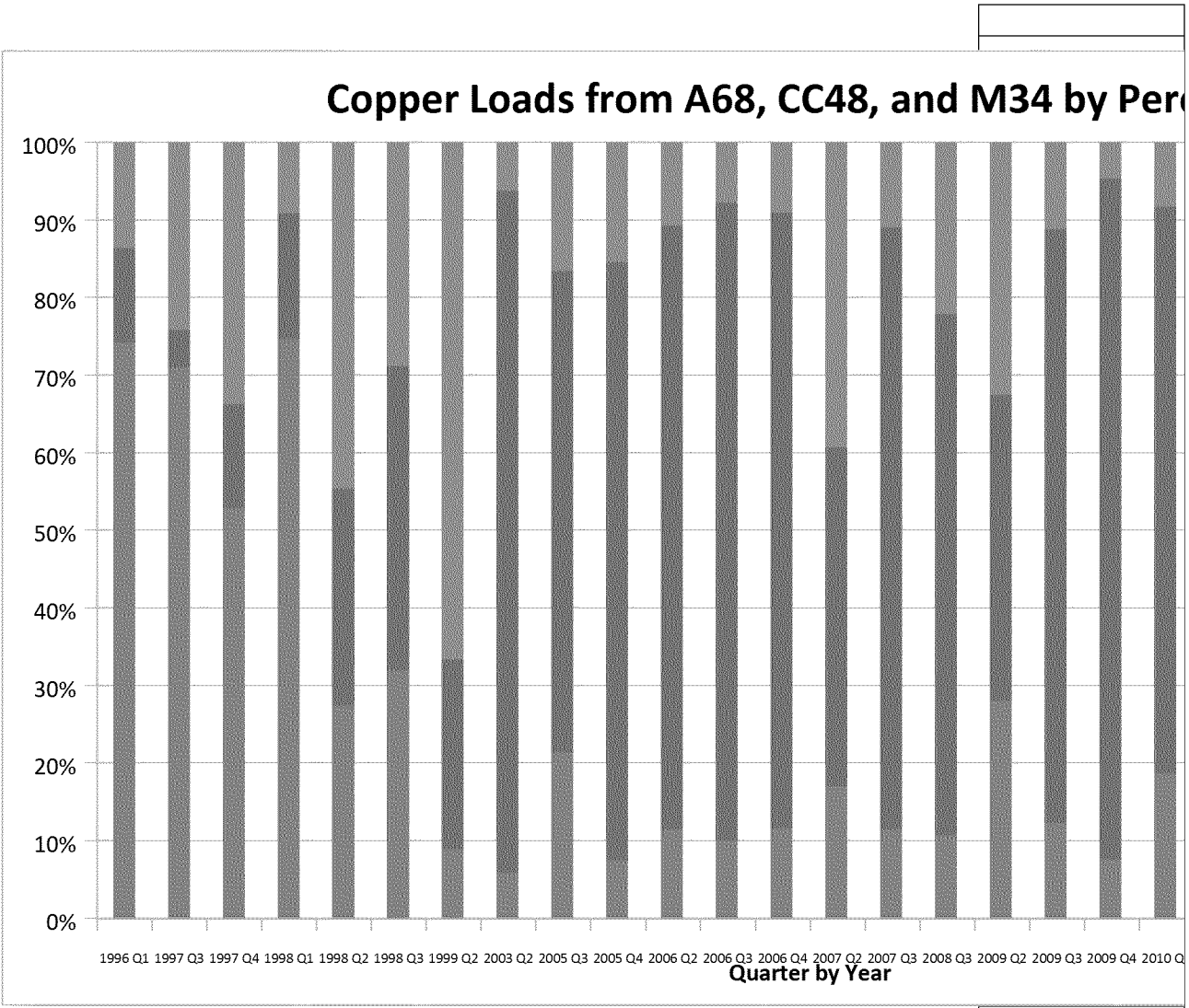












## Copper Totals and Loads for A68, CC48, and M34

Location	Date	Year	Quarter	Flow (cfs)	Total (ug/L)
M34	9/5/91	1991	3rd Quarter	34.00	80.00
A68	9/5/91	1991	3rd Quarter	61.17	8.00
M34	9/6/91	1991	3rd Quarter	89.00	93.00
A68	9/6/91	1991	3rd Quarter	84.50	10.00
M34	9/7/91	1991	3rd Quarter	118.00	58.00
A68	9/7/91	1991	3rd Quarter	101.63	18.00
M34	9/9/91	1991	3rd Quarter	112.00	25.00
A68	9/9/91	1991	3rd Quarter	116.50	6.00
M34	9/10/91	1991	3rd Quarter	108.00	31.00
A68	9/10/91	1991	3rd Quarter	126.87	10.00
M34	12/7/91	1991	4th Quarter	21.00	46.90
A68	12/8/91	1991	4th Quarter	25.00	4.80
A68	1/15/92	1992	1st Quarter	17.80	3.20
M34	2/13/92	1992	1st Quarter	15.00	34.50
A68	2/13/92	1992	1st Quarter	16.00	2.60
M34	3/5/92	1992	1st Quarter	17.00	44.10
A68	3/5/92	1992	1st Quarter	18.00	4.10
M34	3/16/92	1992	1st Quarter	21.00	66.50
A68	3/16/92	1992	1st Quarter	21.00	8.90
M34	4/13/92	1992	2nd Quarter	26.00	56.40
A68	4/13/92	1992	2nd Quarter	86.00	18.00
M34	4/20/92	1992	2nd Quarter	52.00	65.70
A68	4/20/92	1992	2nd Quarter	59.00	13.20
M34	4/30/92	1992	2nd Quarter	189.00	77.10
A68	4/30/92	1992	2nd Quarter	328.00	23.90
M34	5/5/92	1992	2nd Quarter	202.00	95.40
A68	5/5/92	1992	2nd Quarter	257.00	27.30
M34	5/11/92	1992	2nd Quarter	145.00	138.00
A68	5/11/92	1992	2nd Quarter	176.00	30.20
M34	5/18/92	1992	2nd Quarter	305.00	45.20
A68	5/18/92	1992	2nd Quarter	334.00	20.30
M34	5/26/92	1992	2nd Quarter	307.00	43.90
A68	5/26/92	1992	2nd Quarter	430.00	15.10
M34	6/1/92	1992	2nd Quarter	193.00	44.20
A68	6/1/92	1992	2nd Quarter	290.00	16.60
M34	6/8/92	1992	2nd Quarter	276.00	30.20
A68	6/8/92	1992	2nd Quarter	341.00	13.90
M34	6/15/92	1992	2nd Quarter	345.00	24.60
A68	6/15/92	1992	2nd Quarter	442.00	10.70
M34	6/22/92	1992	2nd Quarter	406.00	23.40
A68	6/22/92	1992	2nd Quarter	512.00	8.60
M34	6/23/92	1992	2nd Quarter	379.00	8.00
A68	6/23/92	1992	2nd Quarter	486.00	4.00

M34	6/24/92	1992	2nd Quarter	378.00	29.00
A68	6/24/92	1992	2nd Quarter	463.00	16.00
A68	6/25/92	1992	2nd Quarter	421.00	21.00
M34	7/14/92	1992	3rd Quarter	152.00	18.30
A68	7/14/92	1992	3rd Quarter	173.00	7.40
M34	7/21/92	1992	3rd Quarter	105.00	22.30
A68	7/21/92	1992	3rd Quarter	117.00	8.30
M34	7/27/92	1992	3rd Quarter	178.00	18.20
A68	7/27/92	1992	3rd Quarter	191.00	14.00
M34	8/10/92	1992	3rd Quarter	89.00	31.00
A68	8/10/92	1992	3rd Quarter	91.00	11.10
M34	8/24/92	1992	3rd Quarter	162.00	60.30
A68	8/24/92	1992	3rd Quarter	116.00	41.40
M34	9/15/92	1992	3rd Quarter	69.00	149.00
M34	9/15/92	1992	3rd Quarter	53.00	60.90
A68	9/15/92	1992	3rd Quarter	59.00	11.90
A68	9/16/92	1992	3rd Quarter	60.00	11.40
M34	10/14/92	1992	4th Quarter	32.00	48.80
M34	10/14/92	1992	4th Quarter	32.00	55.00
A68	10/14/92	1992	4th Quarter	26.80	5.00
A68	10/14/92	1992	4th Quarter	30.00	4.50
M34	10/15/92	1992	4th Quarter	31.00	54.00
M34	11/18/92	1992	4th Quarter	29.00	74.50
A68	11/18/92	1992	4th Quarter	29.00	4.00
M34	12/16/92	1992	4th Quarter	20.00	62.70
A68	12/16/92	1992	4th Quarter	18.00	4.00
M34	1/13/93	1993	1st Quarter	17.00	57.10
A68	1/13/93	1993	1st Quarter	16.00	7.30
M34	2/17/93	1993	1st Quarter	17.00	48.50
A68	2/17/93	1993	1st Quarter	16.00	4.30
M34	3/10/93	1993	1st Quarter	24.00	87.60
A68	3/10/93	1993	1st Quarter	22.00	3.80
M34	3/31/93	1993	1st Quarter	25.00	79.60
A68	3/31/93	1993	1st Quarter	24.00	22.50
M34	4/14/93	1993	2nd Quarter	29.00	70.50
A68	4/14/93	1993	2nd Quarter	27.00	76.80
M34	4/21/93	1993	2nd Quarter	39.00	60.50
A68	4/21/93	1993	2nd Quarter	40.00	75.60
M34	4/28/93	1993	2nd Quarter	109.00	45.70
A68	4/29/93	1993	2nd Quarter	99.00	37.20
M34	5/4/93	1993	2nd Quarter	112.00	97.90
A68	5/4/93	1993	2nd Quarter	132.00	43.80
M34	5/12/93	1993	2nd Quarter	140.00	76.50
A68	5/12/93	1993	2nd Quarter	190.00	47.40
M34	5/26/93	1993	2nd Quarter	575.00	40.20
A68	5/26/93	1993	2nd Quarter	741.00	51.90
A68	6/2/93	1993	2nd Quarter	718.00	28.70
M34	6/9/93	1993	2nd Quarter	213.00	34.60
A68	6/9/93	1993	2nd Quarter	299.00	19.60
M34	6/16/93	1993	2nd Quarter	863.00	25.60



A68	6/16/93	1993	2nd Quarter	907.00	69.60
M34	6/23/93	1993	2nd Quarter	738.00	12.80
A68	6/23/93	1993	2nd Quarter	769.00	19.60
M34	7/14/93	1993	3rd Quarter	261.00	10.50
A68	7/14/93	1993	3rd Quarter	360.00	5.50
M34	7/20/93	1993	3rd Quarter	175.00	35.00
A68	7/20/93	1993	3rd Quarter	206.00	5.00
M34	7/21/93	1993	3rd Quarter	184.00	13.40
M34	7/21/93	1993	3rd Quarter	175.00	16.00
A68	7/21/93	1993	3rd Quarter	221.00	6.50
A68	7/21/93	1993	3rd Quarter	206.00	8.00
M34	7/28/93	1993	3rd Quarter	140.00	14.50
A68	7/28/93	1993	3rd Quarter	170.00	3.50
A68	8/11/93	1993	3rd Quarter	122.00	6.00
M34	8/25/93	1993	3rd Quarter	67.00	27.70
A68	8/25/93	1993	3rd Quarter	83.00	3.80
M34	9/15/93	1993	3rd Quarter	61.00	39.10
A68	9/15/93	1993	3rd Quarter	88.00	6.40
M34	10/13/93	1993	4th Quarter	43.00	55.20
A68	10/13/93	1993	4th Quarter	52.00	4.90
M34	11/17/93	1993	4th Quarter	40.00	52.20
A68	11/17/93	1993	4th Quarter	33.00	4.50
M34	12/15/93	1993	4th Quarter	38.00	27.80
A68	12/15/93	1993	4th Quarter	24.00	4.30
M34	1/12/94	1994	1st Quarter	40.00	20.70
A68	1/12/94	1994	1st Quarter	53.00	3.50
M34	10/12/94	1994	4th Quarter	53.00	82.70
A68	10/13/94	1994	4th Quarter	74.00	8.60
M34	11/9/94	1994	4th Quarter	36.00	85.00
M34	11/9/94	1994	4th Quarter	38.00	102.40
A68	11/9/94	1994	4th Quarter	49.00	4.50
A68	11/9/94	1994	4th Quarter	49.00	28.00
M34	12/13/94	1994	4th Quarter	33.00	47.10
CC48	12/13/1994	1994	4th Quarter	15.00	45.30
A68	12/13/94	1994	4th Quarter	41.00	6.20
M34	1/18/95	1995	1st Quarter	19.60	43.70
CC48	1/18/1995	1995	1st Quarter	15.00	44.50
A68	1/18/95	1995	1st Quarter	32.00	6.20
CC48	2/15/1995	1995	1st Quarter	17.00	80.20
A68	2/15/95	1995	1st Quarter	34.00	6.80
CC48	3/1/1995	1995	1st Quarter	21.00	58.10
A68	3/1/95	1995	1st Quarter	41.00	13.00
CC48	3/15/1995	1995	1st Quarter	24.00	70.10
A68	3/15/95	1995	1st Quarter	44.00	16.30
M34	4/12/95	1995	2nd Quarter	42.00	77.00
M34	4/12/95	1995	2nd Quarter	1.16	50.10
CC48	4/12/1995	1995	2nd Quarter	24.00	71.50
A68	4/12/95	1995	2nd Quarter	49.00	20.00
M34	4/19/95	1995	2nd Quarter	40.00	69.90
CC48	4/19/1995	1995	2nd Quarter	23.00	61.70

A68	4/19/95	1995	2nd Quarter	50.00	17.10
M34	5/3/95	1995	2nd Quarter	43.00	65.90
CC48	5/3/1995	1995	2nd Quarter	24.00	59.50
A68	5/3/95	1995	2nd Quarter	58.00	18.30
M34	5/10/95	1995	2nd Quarter	41.00	68.70
CC48	5/10/1995	1995	2nd Quarter	23.00	47.80
A68	5/10/95	1995	2nd Quarter	60.00	26.30
M34	5/22/95	1995	2nd Quarter	226.00	76.90
A68	5/22/95	1995	2nd Quarter	393.00	47.00
A68	5/31/95	1995	2nd Quarter	154.00	30.50
M34	6/7/95	1995	2nd Quarter	317.00	40.10
A68	6/7/95	1995	2nd Quarter	560.00	21.90
M34	6/14/95	1995	2nd Quarter	718.00	35.30
A68	6/14/95	1995	2nd Quarter	1090.00	60.50
M34	6/21/95	1995	2nd Quarter	770.00	45.00
A68	6/21/95	1995	2nd Quarter	2120.00	27.40
A68	6/21/95	1995	2nd Quarter	2120.00	63.00
M34	6/28/95	1995	2nd Quarter	529.00	16.40
A68	6/28/95	1995	2nd Quarter	803.00	19.20
M34	7/5/95	1995	3rd Quarter	380.00	23.50
A68	7/5/95	1995	3rd Quarter	388.00	8.20
M34	7/12/95	1995	3rd Quarter	797.00	20.50
A68	7/12/95	1995	3rd Quarter	1170.00	40.00
M34	7/19/95	1995	3rd Quarter	540.00	14.00
A68	7/19/95	1995	3rd Quarter	865.00	7.90
M34	8/2/95	1995	3rd Quarter	298.00	11.90
A68	8/2/95	1995	3rd Quarter	399.00	4.90
M34	8/8/95	1995	3rd Quarter	290.00	25.00
M34	8/8/95	1995	3rd Quarter	260.00	18.00
M34	8/16/95	1995	3rd Quarter	162.00	16.10
CC48	8/16/1995	1995	3rd Quarter	40.00	100.00
A68	8/16/95	1995	3rd Quarter	194.00	6.60
M34	9/6/95	1995	3rd Quarter	93.00	39.00
A68	9/6/95	1995	3rd Quarter	110.00	11.00
M34	9/13/95	1995	3rd Quarter	77.00	30.20
CC48	9/13/1995	1995	3rd Quarter	25.00	92.00
A68	9/13/95	1995	3rd Quarter	91.00	6.60
M34	10/5/95	1995	4th Quarter	46.00	54.00
M34	10/5/95	1995	4th Quarter	48.00	51.00
CC48	10/11/1995	1995	4th Quarter	18.00	54.00
A68	10/11/95	1995	4th Quarter	57.00	5.80
CC48	11/15/1995	1995	4th Quarter	17.00	12.50
A68	11/15/95	1995	4th Quarter	35.00	7.10
M34	11/29/95	1995	4th Quarter	24.00	27.00
A68	11/29/95	1995	4th Quarter	32.00	16.00
CC48	12/13/1995	1995	4th Quarter	14.00	34.70
A68	12/13/95	1995	4th Quarter	31.00	3.80
M34	1/16/96	1996	1st Quarter	16.00	32.00
CC48	1/17/1996	1996	1st Quarter	15.00	49.00
M34	2/14/96	1996	1st Quarter	20.00	49.00

A68	2/14/96	1996	1st Quarter	32.00	4.90
M34	3/13/96	1996	1st Quarter	25.00	71.10
A68	3/13/96	1996	1st Quarter	33.00	10.30
M34	3/20/96	1996	1st Quarter	23.00	51.90
A68	3/20/96	1996	1st Quarter	27.00	12.10
M34	4/9/96	1996	2nd Quarter	58.00	76.00
A68	4/9/96	1996	2nd Quarter	60.30	21.00
M34	4/10/96	1996	2nd Quarter	77.00	59.70
A68	4/10/96	1996	2nd Quarter	75.00	19.60
M34	4/17/96	1996	2nd Quarter	41.00	51.20
M34	5/1/96	1996	2nd Quarter	110.00	68.80
A68	5/1/96	1996	2nd Quarter	139.00	18.00
M34	5/8/96	1996	2nd Quarter	312.00	55.80
A68	5/8/96	1996	2nd Quarter	354.00	30.80
M34	5/15/96	1996	2nd Quarter	514.00	29.20
A68	5/15/96	1996	2nd Quarter	752.00	21.20
M34	5/21/96	1996	2nd Quarter	524.00	22.00
M34	5/29/96	1996	2nd Quarter	112.00	55.70
A68	5/29/96	1996	2nd Quarter	169.00	6.20
M34	6/5/96	1996	2nd Quarter	348.00	24.30
A68	6/5/96	1996	2nd Quarter	596.00	8.80
M34	6/12/96	1996	2nd Quarter	245.00	17.90
A68	6/12/96	1996	2nd Quarter	404.00	6.20
M34	6/19/96	1996	2nd Quarter	208.00	16.20
A68	6/19/96	1996	2nd Quarter	373.00	6.10
M34	6/26/96	1996	2nd Quarter	148.00	20.30
A68	6/26/96	1996	2nd Quarter	253.00	6.60
M34	7/3/96	1996	3rd Quarter	133.00	22.90
M34	7/10/96	1996	3rd Quarter	121.00	28.20
A68	7/10/96	1996	3rd Quarter	161.00	5.40
M34	7/16/96	1996	3rd Quarter	75.00	32.00
A68	7/16/96	1996	3rd Quarter	110.00	6.00
M34	7/17/96	1996	3rd Quarter	74.00	30.10
A68	7/17/96	1996	3rd Quarter	108.00	4.40
M34	8/7/96	1996	3rd Quarter	44.00	27.30
A68	8/7/96	1996	3rd Quarter	51.00	3.90
M34	8/14/96	1996	3rd Quarter	36.00	74.00
M34	8/21/96	1996	3rd Quarter	35.00	55.90
A68	8/21/96	1996	3rd Quarter	34.00	3.40
M34	9/18/96	1996	3rd Quarter	72.00	32.90
A68	9/18/96	1996	3rd Quarter	68.00	8.90
M34	10/16/96	1996	4th Quarter	73.00	50.10
A68	10/16/96	1996	4th Quarter	95.00	7.20
A68	10/23/96	1996	4th Quarter	59.00	4.60
M34	11/13/96	1996	4th Quarter	46.00	73.60
A68	11/13/96	1996	4th Quarter	47.00	7.40
M34	11/19/96	1996	4th Quarter	35.20	74.96
A68	11/19/96	1996	4th Quarter	42.90	5.51
M34	12/18/96	1996	4th Quarter	31.00	51.60
M34	1/3/97	1997	1st Quarter	26.30	79.37
M34	1/7/97	1997	1st Quarter	23.00	60.00

A68	1/7/97	1997	1st Quarter	32.00	14.00
A68	1/8/97	1997	1st Quarter	47.40	8.12
M34	1/15/97	1997	1st Quarter	24.00	47.30
M34	1/30/97	1997	1st Quarter	25.80	61.78
A68	1/30/97	1997	1st Quarter	8.48	9.03
M34	2/25/97	1997	1st Quarter	20.90	57.84
A68	2/25/97	1997	1st Quarter	18.10	15.86
M34	3/5/97	1997	1st Quarter	21.00	52.00
M34	3/12/97	1997	1st Quarter	24.00	70.50
A68	3/12/97	1997	1st Quarter	33.00	16.10
M34	3/19/97	1997	1st Quarter	30.00	105.00
A68	3/19/97	1997	1st Quarter	40.00	62.60
M34	3/25/97	1997	1st Quarter	40.40	59.21
A68	3/25/97	1997	1st Quarter	45.10	26.40
M34	4/2/97	1997	2nd Quarter	38.00	30.50
A68	4/2/97	1997	2nd Quarter	52.00	37.00
M34	4/16/97	1997	2nd Quarter	33.00	65.20
A68	4/16/97	1997	2nd Quarter	45.00	21.00
A68	4/16/97	1997	2nd Quarter	45.00	79.00
M34	4/29/97	1997	2nd Quarter	68.70	54.32
A68	4/29/97	1997	2nd Quarter	95.50	24.72
M34	4/30/97	1997	2nd Quarter	66.00	50.80
A68	4/30/97	1997	2nd Quarter	87.00	34.50
M34	5/7/97	1997	2nd Quarter	151.00	67.00
M34	5/13/97	1997	2nd Quarter	210.00	52.84
A68	5/14/97	1997	2nd Quarter	433.00	41.66
M34	5/20/97	1997	2nd Quarter	273.00	27.55
M34	5/21/97	1997	2nd Quarter	352.00	29.70
A68	5/21/97	1997	2nd Quarter	514.00	15.32
A68	5/21/97	1997	2nd Quarter	517.00	21.00
M34	5/28/97	1997	2nd Quarter	175.00	40.00
M34	5/28/97	1997	2nd Quarter	171.00	39.35
A68	5/28/97	1997	2nd Quarter	239.00	14.10
A68	5/29/97	1997	2nd Quarter	238.00	12.23
A68	6/4/97	1997	2nd Quarter	1180.00	29.40
M34	6/5/97	1997	2nd Quarter	752.00	19.09
A68	6/5/97	1997	2nd Quarter	883.00	16.81
A68	6/11/97	1997	2nd Quarter	451.00	6.73
A68	6/11/97	1997	2nd Quarter	499.00	9.90
M34	6/12/97	1997	2nd Quarter	494.00	18.16
A68	6/16/97	1997	2nd Quarter	580.00	7.18
M34	6/17/97	1997	2nd Quarter	468.00	17.90
A68	6/18/97	1997	2nd Quarter	988.00	20.10
A68	6/25/97	1997	2nd Quarter	701.00	9.10
M34	6/26/97	1997	2nd Quarter	445.00	9.16
A68	6/26/97	1997	2nd Quarter	606.00	5.87
M34	7/1/97	1997	3rd Quarter	487.00	5.87
A68	7/1/97	1997	3rd Quarter	585.00	7.71
M34	7/9/97	1997	3rd Quarter	246.00	14.00
A68	7/9/97	1997	3rd Quarter	549.00	6.00
M34	7/14/97	1997	3rd Quarter	242.00	10.15
A68	7/15/97	1997	3rd Quarter	355.00	4.00

A68	7/16/97	1997	3rd Quarter	637.00	7.50
M34	7/30/97	1997	3rd Quarter	393.00	19.67
A68	7/30/97	1997	3rd Quarter	324.00	4.10
M34	8/10/97	1997	3rd Quarter	445.00	40.56
M34	8/12/97	1997	3rd Quarter	204.00	23.19
A68	8/12/97	1997	3rd Quarter	232.00	4.15
M34	8/13/97	1997	3rd Quarter	192.00	17.10
CC48	8/13/1997	1997	3rd Quarter	33.00	70.00
A68	8/13/97	1997	3rd Quarter	207.00	6.60
M34	8/25/97	1997	3rd Quarter	90.00	34.71
M34	8/25/97	1997	3rd Quarter	94.00	38.97
M34	9/11/97	1997	3rd Quarter	86.00	44.00
CC48	9/11/97	1997	3rd Quarter	16.00	42.90
A68	9/11/97	1997	3rd Quarter	60.00	4.30
CC48	9/17/1997	1997	3rd Quarter	21.00	44.30
A68	9/17/97	1997	3rd Quarter	104.00	7.00
M34	9/25/97	1997	3rd Quarter	181.00	27.63
A68	9/25/97	1997	3rd Quarter	202.00	6.14
CC48	10/15/1997	1997	4th Quarter	38.00	61.00
A68	10/15/97	1997	4th Quarter	160.00	9.80
M34	10/22/97	1997	4th Quarter	83.10	78.02
A68	10/22/97	1997	4th Quarter	115.00	41.03
M34	11/12/97	1997	4th Quarter	51.00	68.00
CC48	11/12/1997	1997	4th Quarter	16.00	38.50
A68	11/12/97	1997	4th Quarter	73.00	6.00
A68	11/12/97	1997	4th Quarter	73.00	7.40
M34	11/25/97	1997	4th Quarter	38.70	69.96
A68	11/25/97	1997	4th Quarter	44.20	22.57
CC48	12/17/1997	1997	4th Quarter	15.00	35.20
A68	12/17/97	1997	4th Quarter	38.00	8.40
M34	12/23/97	1997	4th Quarter	14.80	66.43
A68	12/23/97	1997	4th Quarter	39.00	4.00
M34	1/7/98	1998	1st Quarter	24.00	49.00
CC48	1/14/1998	1998	1st Quarter	14.00	39.80
A68	2/12/98	1998	1st Quarter	25.00	6.54
M34	2/13/98	1998	1st Quarter	29.20	55.77
CC48	3/4/1998	1998	1st Quarter	13.00	43.40
A68	3/4/98	1998	1st Quarter	32.00	4.20
M34	3/5/98	1998	1st Quarter	21.00	57.00
A68	3/5/98	1998	1st Quarter	26.00	6.00
M34	3/16/98	1998	1st Quarter	19.40	78.66
A68	3/16/98	1998	1st Quarter	25.10	7.38
CC48	3/18/1998	1998	1st Quarter	13.00	31.70
A68	3/18/98	1998	1st Quarter	25.00	9.10
M34	3/19/98	1998	1st Quarter	25.00	60.33
CC48	4/1/1998	1998	2nd Quarter	16.00	38.90
A68	4/1/98	1998	2nd Quarter	40.00	12.60
CC48	4/15/1998	1998	2nd Quarter	16.00	36.80
A68	4/15/98	1998	2nd Quarter	34.00	22.60
M34	4/22/98	1998	2nd Quarter	29.40	68.78
A68	4/23/98	1998	2nd Quarter	52.00	20.35

CC48	4/29/1998	1998	2nd Quarter	43.00	48.20
A68	4/29/98	1998	2nd Quarter	72.00	18.40
M34	5/5/98	1998	2nd Quarter	157.00	36.19
CC48	5/5/1998	1998	2nd Quarter	80.00	68.60
A68	5/5/98	1998	2nd Quarter	184.00	22.00
A68	5/6/98	1998	2nd Quarter	168.00	17.72
M34	5/7/98	1998	2nd Quarter	11.00	35.00
A68	5/7/98	1998	2nd Quarter	139.00	19.00
CC48	5/13/1998	1998	2nd Quarter	81.00	68.30
A68	5/13/98	1998	2nd Quarter	172.00	24.40
A68	5/20/98	1998	2nd Quarter	274.00	24.50
A68	5/27/98	1998	2nd Quarter	402.00	15.60
M34	5/28/98	1998	2nd Quarter	424.00	24.60
A68	5/29/98	1998	2nd Quarter	449.00	21.16
M34	6/2/98	1998	2nd Quarter	618.00	38.54
A68	6/2/98	1998	2nd Quarter	621.00	22.32
CC48	6/3/1998	1998	2nd Quarter	183.00	89.90
A68	6/3/98	1998	2nd Quarter	640.00	15.20
A68	6/9/98	1998	2nd Quarter	193.00	6.60
M34	6/10/98	1998	2nd Quarter	197.00	19.13
CC48	6/10/1998	1998	2nd Quarter	85.00	61.00
A68	6/10/98	1998	2nd Quarter	291.00	15.20
CC48	6/17/1998	1998	2nd Quarter	93.00	57.20
A68	6/17/98	1998	2nd Quarter	370.00	5.40
A68	6/17/98	1998	2nd Quarter	370.00	7.70
CC48	6/24/1998	1998	2nd Quarter	116.00	85.10
A68	6/24/98	1998	2nd Quarter	485.00	5.68
A68	6/24/98	1998	2nd Quarter	533.00	8.90
M34	6/25/98	1998	2nd Quarter	300.00	12.80
M34	7/1/98	1998	3rd Quarter	382.00	9.00
A68	7/1/98	1998	3rd Quarter	508.00	7.00
CC48	7/8/1998	1998	3rd Quarter	84.00	61.80
M34	7/9/98	1998	3rd Quarter	254.00	11.14
A68	7/9/98	1998	3rd Quarter	325.00	6.47
CC48	7/15/1998	1998	3rd Quarter	54.00	69.70
A68	7/15/98	1998	3rd Quarter	225.00	5.50
M34	7/22/98	1998	3rd Quarter	119.00	17.75
CC48	7/22/1998	1998	3rd Quarter	40.00	86.00
A68	7/22/98	1998	3rd Quarter	156.00	4.90
A68	7/22/98	1998	3rd Quarter	141.00	5.64
CC48	8/26/1998	1998	3rd Quarter	20.00	53.60
A68	8/26/98	1998	3rd Quarter	72.00	5.30
CC48	9/2/98	1998	3rd Quarter	18.00	38.00
A68	9/2/98	1998	3rd Quarter	83.00	7.00
M34	9/9/98	1998	3rd Quarter	51.00	32.00
A68	9/9/98	1998	3rd Quarter	57.00	15.00
CC48	9/16/1998	1998	3rd Quarter	18.00	29.90
A68	9/16/98	1998	3rd Quarter	64.00	5.70

M34	9/30/98	1998	3rd Quarter	45.40	42.11
A68	9/30/98	1998	3rd Quarter	34.00	4.85
CC48	10/14/1998	1998	4th Quarter	18.00	29.60
M34	11/3/98	1998	4th Quarter	40.00	44.00
A68	11/3/98	1998	4th Quarter	59.00	12.00
CC48	11/18/1998	1998	4th Quarter	20.00	31.90
A68	11/18/98	1998	4th Quarter	51.00	10.40
M34	1/6/99	1999	1st Quarter	21.00	38.00
A68	1/6/99	1999	1st Quarter	26.00	8.00
CC48	1/13/1999	1999	1st Quarter	15.00	33.80
CC48	2/24/1999	1999	1st Quarter	14.00	31.80
A68	2/24/99	1999	1st Quarter	22.00	8.20
M34	3/3/99	1999	1st Quarter	20.00	66.00
A68	3/3/99	1999	1st Quarter	23.00	25.00
CC48	3/17/1999	1999	1st Quarter	14.00	35.50
A68	3/17/99	1999	1st Quarter	21.00	10.70
CC48	4/1/1999	1999	2nd Quarter	23.00	75.80
A68	4/1/99	1999	2nd Quarter	50.00	10.40
CC48	4/21/1999	1999	2nd Quarter	38.00	59.10
A68	4/26/99	1999	2nd Quarter	63.00	12.00
M34	5/6/99	1999	2nd Quarter	41.00	35.00
A68	5/6/99	1999	2nd Quarter	40.00	31.00
CC48	6/23/99	1999	3rd Quarter	192.00	101.80
A68	6/23/99	1999	2nd Quarter	725.00	11.50
A68	8/4/99	1999	3rd Quarter	253.00	6.00
A68	8/4/99	1999	3rd Quarter	253.00	6.00
A68	9/1/99	1999	3rd Quarter	210.00	7.00
CC48	9/13/1999	1999	3rd Quarter	27.00	24.20
A68	9/16/99	1999	3rd Quarter	91.00	18.50
CC48	10/14/1999	1999	4th Quarter	18.00	187.10
A68	10/14/99	1999	4th Quarter	58.00	23.80
A68	11/3/99	1999	4th Quarter	21.00	6.00
CC48	11/17/1999	1999	4th Quarter	14.00	143.90
A68	11/17/99	1999	4th Quarter	18.00	16.40
CC48	12/15/1999	1999	4th Quarter	13.00	36.20
M34	1/5/00	2000	1st Quarter	34.00	23.00
A68	1/5/00	2000	1st Quarter	29.00	5.00
CC48	1/12/2000	2000	1st Quarter	14.00	35.40
CC48	2/28/2000	2000	1st Quarter	9.40	59.10
A68	2/28/00	2000	1st Quarter	17.00	8.50
M34	3/1/00	2000	1st Quarter	20.00	30.00
A68	3/1/00	2000	1st Quarter	17.00	6.00
CC48	3/15/2000	2000	1st Quarter	13.00	32.70

A68	3/15/00	2000	1st Quarter	20.00	8.70
M34	5/3/00	2000	2nd Quarter	235.00	38.00
A68	5/3/00	2000	2nd Quarter	328.00	33.00
M34	7/5/00	2000	3rd Quarter	76.00	24.00
A68	7/5/00	2000	3rd Quarter	92.00	12.00
M34	9/6/00	2000	3rd Quarter	65.00	36.00
A68	9/6/00	2000	3rd Quarter	106.00	11.00
A68	11/1/00	2000	4th Quarter	57.00	11.00
A68	1/3/01	2001	1st Quarter	33.00	8.00
A68	3/14/01	2001	1st Quarter	19.00	9.00
A68	5/2/01	2001	2nd Quarter	301.00	37.00
A68	7/6/01	2001	3rd Quarter	266.00	5.00
A68	1/2/02	2002	1st Quarter	21.00	7.90
A68	3/6/02	2002	1st Quarter	16.00	17.00
A68	6/5/02	2002	2nd Quarter	200.00	3.30
CC48	6/27/2002	2002	2nd Quarter	15.00	32.90
A68	6/27/02	2002	2nd Quarter	51.00	4.30
CC48	7/17/2002	2002	3rd Quarter	12.00	28.60
CC48	8/14/2002	2002	3rd Quarter	13.00	26.20
CC48	9/18/2002	2002	3rd Quarter	17.00	41.20
CC48	10/25/2002	2002	4th Quarter	15.00	45.80
CC48	11/12/2002	2002	4th Quarter	14.00	40.80
CC48	12/8/2002	2002	4th Quarter	13.00	36.10
CC48	1/8/2003	2003	1st Quarter	8.50	32.20
CC48	2/1/2003	2003	1st Quarter	8.70	46.80
CC48	3/9/2003	2003	1st Quarter	9.70	41.60
CC48	4/24/2003	2003	2nd Quarter	23.00	107.40
M34	5/7/03	2003	2nd Quarter	65.21	22.60
CC48	5/7/2003	2003	2nd Quarter	33.00	124.10
A68	5/7/03	2003	2nd Quarter	94.85	17.00
CC48	6/2/2003	2003	2nd Quarter	194.00	82.20
M34	7/2/03	2003	3rd Quarter	92.30	17.40
A68	7/2/03	2003	3rd Quarter	206.50	4.70
M34	9/11/03	2003	3rd Quarter	89.98	28.90
A68	9/11/03	2003	3rd Quarter	132.00	15.90
M34	3/3/04	2004	1st Quarter	45.00	19.00
M34	3/3/04	2004	1st Quarter	45.00	20.90
CC48	3/3/2004	2004	1st Quarter	9.80	60.10
A68	3/3/04	2004	1st Quarter	54.00	7.00
A68	3/3/04	2004	1st Quarter	54.00	7.70
M34	5/5/04	2004	2nd Quarter	154.60	37.00
M34	5/5/04	2004	2nd Quarter	154.60	30.10
A68	5/5/04	2004	2nd Quarter	210.00	39.00
A68	5/5/04	2004	2nd Quarter	210.00	41.00
M34	7/7/04	2004	3rd Quarter	129.40	11.00
M34	7/7/04	2004	3rd Quarter	129.40	11.60
A68	7/7/04	2004	3rd Quarter	169.30	6.00
M34	9/1/04	2004	3rd Quarter	35.17	19.00
A68	9/1/04	2004	3rd Quarter	31.00	5.00
M34	10/14/04	2004	4th Quarter	55.00	19.40
M34	11/10/04	2004	4th Quarter	47.10	24.00



A68	11/10/04	2004	4th Quarter	42.44	8.00
M34	5/4/05	2005	2nd Quarter	51.00	36.00
M34	5/4/05	2005	2nd Quarter	51.00	8.00
A68	5/4/05	2005	2nd Quarter	86.00	17.80
A68	5/4/05	2005	2nd Quarter	85.00	20.00
M34	7/6/05	2005	3rd Quarter	392.00	6.00
CC48	7/6/05	2005	3rd Quarter	77.00	67.00
A68	7/6/05	2005	3rd Quarter	365.00	6.00
M34	9/15/05	2005	3rd Quarter	45.00	16.00
CC48	9/15/05	2005	3rd Quarter	17.00	222.00
A68	9/15/05	2005	3rd Quarter	41.00	5.00
CC48	10/13/05	2005	4th Quarter	22.00	196.40
A68	10/13/05	2005	4th Quarter	109.00	9.90
M34	11/2/05	2005	4th Quarter	52.00	19.00
CC48	11/2/05	2005	4th Quarter	20.00	195.00
A68	11/2/05	2005	4th Quarter	64.00	7.80
A68	11/2/05	2005	4th Quarter	64.00	8.00
CC48	12/20/05	2005	4th Quarter	13.00	167.20
M34	1/6/06	2006	1st Quarter	21.00	22.00
CC48	1/6/06	2006	1st Quarter	13.00	158.00
CC48	1/6/06	2006	1st Quarter	13.00	171.70
A68	1/6/06	2006	1st Quarter	29.00	5.00
CC48	2/8/06	2006	1st Quarter	12.00	146.30
A68	2/8/06	2006	1st Quarter	30.00	6.10
M34	3/15/06	2006	1st Quarter	19.00	26.00
CC48	3/15/06	2006	1st Quarter	16.00	136.00
A68	3/15/06	2006	1st Quarter	44.00	7.00
M34	5/10/06	2006	2nd Quarter	100.00	25.00
CC48	5/10/06	2006	2nd Quarter	59.00	101.00
A68	5/10/06	2006	2nd Quarter	170.00	14.00
CC48	6/6/06	2006	2nd Quarter	142.00	78.60
M34	7/12/06	2006	3rd Quarter	120.00	10.00
CC48	7/12/06	2006	3rd Quarter	33.00	162.00
CC48	7/12/06	2006	3rd Quarter	33.00	181.70
A68	7/12/06	2006	3rd Quarter	171.00	6.00
M34	9/6/06	2006	3rd Quarter	49.00	17.00
CC48	9/6/06	2006	3rd Quarter	20.00	278.00
A68	9/6/06	2006	3rd Quarter	73.00	8.00
M34	11/1/06	2006	4th Quarter	71.00	16.00
CC48	11/1/06	2006	4th Quarter	38.00	206.00
A68	11/1/06	2006	4th Quarter	90.00	10.00
M34	3/7/07	2007	1st Quarter	22.00	18.00
CC48	3/7/07	2007	1st Quarter	14.00	251.00
A68	3/7/07	2007	1st Quarter	22.00	6.00
M34	5/11/07	2007	2nd Quarter	228.00	22.00
CC48	5/11/07	2007	2nd Quarter	119.00	109.00
A68	5/11/07	2007	2nd Quarter	339.00	20.00
A68	6/14/07	2007	2nd Quarter	489.00	10.00
M34	7/11/07	2007	3rd Quarter	138.00	7.00
CC48	7/11/07	2007	3rd Quarter	37.00	139.00
A68	7/11/07	2007	3rd Quarter	177.00	5.00
M34	9/5/07	2007	3rd Quarter	61.00	10.00
CC48	9/5/07	2007	3rd Quarter	20.00	280.00

A68	9/5/07	2007	3rd Quarter	64.00	10.00
M34	11/7/07	2007	4th Quarter	44.00	13.00
CC48	11/7/07	2007	4th Quarter	20.00	296.00
M34	3/12/08	2008	1st Quarter	80.00	17.00
CC48	3/12/08	2008	1st Quarter	13.00	210.00
A68	3/12/08	2008	1st Quarter	80.00	19.00
M34	7/9/08	2008	3rd Quarter	260.80	7.00
CC48	7/9/08	2008	3rd Quarter	93.00	111.00
A68	7/9/08	2008	3rd Quarter	393.00	12.00
M34	9/3/08	2008	3rd Quarter	86.00	9.00
CC48	9/3/08	2008	3rd Quarter	20.00	305.70
A68	9/3/08	2008	3rd Quarter	69.00	5.00
A68	9/3/08	2008	3rd Quarter	69.00	5.40
M34	3/3/09	2009	1st Quarter	25.00	13.00
CC48	3/3/09	2009	1st Quarter	14.00	127.00
M34	5/13/09	2009	2nd Quarter	636.00	63.00
CC48	5/13/09	2009	2nd Quarter	308.00	72.00
CC48	5/13/09	2009	2nd Quarter	308.00	73.70
A68	5/13/09	2009	2nd Quarter	562.00	32.30
A68	5/13/09	2009	2nd Quarter	562.00	45.00
M34	5/19/09	2009	2nd Quarter	416.00	14.50
CC48	5/19/09	2009	2nd Quarter	265.00	64.30
A68	5/19/09	2009	2nd Quarter	508.00	21.20
M34	6/16/09	2009	2nd Quarter	212.00	8.50
CC48	6/16/09	2009	2nd Quarter	61.00	94.60
A68	6/16/09	2009	2nd Quarter	272.00	5.80
M34	7/8/09	2009	3rd Quarter	187.00	6.00
CC48	7/8/09	2009	3rd Quarter	40.00	113.00
A68	7/8/09	2009	3rd Quarter	318.00	4.00
M34	7/14/09	2009	3rd Quarter	119.00	6.60
CC48	7/14/09	2009	3rd Quarter	32.00	115.00
A68	8/12/09	2009	3rd Quarter	318.00	3.80
M34	8/18/09	2009	3rd Quarter	41.00	12.00
CC48	8/18/09	2009	3rd Quarter	16.00	224.00
A68	8/18/09	2009	3rd Quarter	43.00	3.90
M34	9/16/09	2009	3rd Quarter	30.00	18.00
CC48	9/16/09	2009	3rd Quarter	17.00	220.00
CC48	9/16/09	2009	3rd Quarter	17.00	239.40
A68	9/16/09	2009	3rd Quarter	73.00	7.00
M34	9/22/09	2009	3rd Quarter	53.00	12.80
CC48	9/22/09	2009	3rd Quarter	16.00	192.00
A68	9/22/09	2009	3rd Quarter	42.00	4.00
M34	11/4/09	2009	4th Quarter	30.00	13.00
CC48	11/4/09	2009	4th Quarter	15.00	157.00
A68	11/4/09	2009	4th Quarter	25.68	4.00
CC48	11/17/09	2009	4th Quarter	14.00	159.00
A68	11/17/09	2009	4th Quarter	28.25	5.10
M34	3/3/10	2010	1st Quarter	25.00	13.00
CC48	3/17/10	2010	1st Quarter	11.00	116.00
A68	3/17/10	2010	1st Quarter	18.95	7.70
CC48	4/13/10	2010	2nd Quarter	31.00	107.00
M34	5/5/10	2010	2nd Quarter	130.00	17.00
CC48	5/5/10	2010	2nd Quarter	70.00	87.00

CC48	5/5/10	2010	2nd Quarter	70.00	102.20
A68	5/5/10	2010	2nd Quarter	131.10	10.00
A68	5/5/10	2010	2nd Quarter	131.10	10.10
CC48	6/2/10	2010	2nd Quarter	161.00	78.00
A68	6/2/10	2010	2nd Quarter	517.00	10.00
M34	7/8/10	2010	3rd Quarter	109.00	7.00
CC48	7/8/10	2010	3rd Quarter	26.00	116.00
CC48	7/8/10	2010	3rd Quarter	26.00	133.50
A68	7/8/10	2010	3rd Quarter	125.00	3.00
A68	7/8/10	2010	3rd Quarter	125.00	3.60
CC48	7/13/10	2010	3rd Quarter	21.00	126.00
A68	7/13/10	2010	3rd Quarter	81.00	10.00
CC48	9/9/10	2010	3rd Quarter	17.00	180.00
CC48	9/9/10	2010	3rd Quarter	17.00	184.90
A68	9/9/10	2010	3rd Quarter	73.00	6.00
CC48	9/14/10	2010	3rd Quarter	15.00	166.00
A68	9/14/10	2010	3rd Quarter	44.00	10.00
CC48	11/2/10	2010	4th Quarter	15.00	141.00
A68	11/2/10	2010	4th Quarter	36.00	10.00
M34	11/3/10	2010	4th Quarter	38.00	14.00
CC48	11/3/10	2010	4th Quarter	14.00	157.00
A68	11/3/10	2010	4th Quarter	58.00	4.30
A68	11/3/10	2010	4th Quarter	58.00	5.00
CC48	3/9/11	2011	1st Quarter	12.00	101.00
A68	3/9/11	2011	1st Quarter	42.00	13.00
CC48	3/15/11	2011	1st Quarter	12.00	90.90
A68	3/15/11	2011	1st Quarter	23.00	14.70
M34	5/4/11	2011	2nd Quarter	43.00	16.00
CC48	5/4/11	2011	2nd Quarter	19.00	90.00
A68	5/4/11	2011	2nd Quarter	35.00	18.00
M34	6/14/11	2011	2nd Quarter	515.00	12.80
CC48	6/14/11	2011	2nd Quarter	282.00	61.30
A68	6/14/11	2011	2nd Quarter	666.00	10.90
M34	7/19/11	2011	3rd Quarter	266.00	20.00
CC48	7/19/11	2011	3rd Quarter	68.00	82.80
A68	7/19/11	2011	3rd Quarter	339.00	20.00
M34	8/16/11	2011	3rd Quarter	66.00	20.00
CC48	8/16/11	2011	3rd Quarter	21.00	147.00
A68	8/16/11	2011	3rd Quarter	67.00	20.00
M34	9/7/11	2011	3rd Quarter	48.00	11.00
CC48	9/7/11	2011	3rd Quarter	18.00	174.00
A68	9/7/11	2011	3rd Quarter	51.00	6.00
M34	9/13/11	2011	3rd Quarter	37.00	20.00

<b>CC48</b>	9/13/11	2011	3rd Quarter	18.00	156.00
<b>A68</b>	9/13/11	2011	3rd Quarter	40.00	20.00
<b>M34</b>	10/18/11	2011	4th Quarter	50.00	20.00
<b>CC48</b>	10/18/11	2011	4th Quarter	19.00	136.00
<b>A68</b>	10/18/11	2011	4th Quarter	46.00	20.00
<b>M34</b>	11/2/11	2011	4th Quarter	35.00	11.00
<b>CC48</b>	11/2/11	2011	4th Quarter	17.00	129.00
<b>A68</b>	11/2/11	2011	4th Quarter	96.00	5.00
<b>M34</b>	5/15/12	2012	2nd Quarter	194.00	5.71
<b>CC48</b>	5/15/12	2012	2nd Quarter	68.00	61.50
<b>M34</b>	10/2/12	2012	4th Quarter	30.00	5.57
<b>CC48</b>	10/2/12	2012	4th Quarter	14.00	73.70
<b>CC48</b>	5/14/13	2013	2nd Quarter	123.00	80.10
<b>M34</b>	5/15/13	2013	2nd Quarter	185.00	9.16











4th Quarter	6.68
1999	108.05
1st Quarter	6.41
2nd Quarter	58.54
3rd Quarter	33.38
4th Quarter	9.72
2000	77.06
1st Quarter	3.05
2nd Quarter	58.38
3rd Quarter	12.24
4th Quarter	3.38
2001	69.59
1st Quarter	2.35
2nd Quarter	60.07
3rd Quarter	7.17
2002	7.10
1st Quarter	2.36
2nd Quarter	4.74
2003	25.25
2nd Quarter	8.70
3rd Quarter	16.56
2004	103.04
1st Quarter	4.28
2nd Quarter	90.62
3rd Quarter	6.32
4th Quarter	1.83
2005	41.62
2nd Quarter	17.42
3rd Quarter	12.92
4th Quarter	11.27
2006	29.81
1st Quarter	3.43
2nd Quarter	12.84
3rd Quarter	8.68
4th Quarter	4.85
2007	71.88
1st Quarter	0.71
2nd Quarter	62.95
3rd Quarter	8.23
2008	37.51
1st Quarter	8.20
3rd Quarter	29.31
2009	320.19
2nd Quarter	300.92
3rd Quarter	17.95

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4th Quarter	1.33
2010	61.29
1st Quarter	0.79
2nd Quarter	42.10
3rd Quarter	13.55
4th Quarter	4.85
2011	104.64
1st Quarter	4.77
2nd Quarter	42.55
3rd Quarter	49.76
4th Quarter	7.55
CC48	2607.39
1994	3.67
4th Quarter	3.67
1995	100.14
1st Quarter	26.61
2nd Quarter	30.54
3rd Quarter	33.98
4th Quarter	9.01
1996	3.96
1st Quarter	3.96
1997	39.85
3rd Quarter	21.18
4th Quarter	18.67
1998	369.61
1st Quarter	8.27
2nd Quarter	275.79
3rd Quarter	79.23
4th Quarter	6.32
1999	169.85
1st Quarter	7.82
2nd Quarter	21.52
3rd Quarter	108.95
4th Quarter	31.57
2000	7.96
1st Quarter	7.96
2002	19.45
2nd Quarter	2.66
3rd Quarter	7.47
4th Quarter	9.32
2003	127.28
1st Quarter	5.85
2nd Quarter	121.43
2004	3.18
1st Quarter	3.18

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3rd Quarter	16.57
4th Quarter	5.33
2006	35.73
1st Quarter	5.16
2nd Quarter	13.48
3rd Quarter	10.97
4th Quarter	6.13
2007	40.78
1st Quarter	2.14
2nd Quarter	27.06
3rd Quarter	8.50
4th Quarter	3.09
2008	21.36
1st Quarter	7.34
3rd Quarter	14.02
2009	281.74
1st Quarter	1.75
2nd Quarter	258.37
3rd Quarter	19.51
4th Quarter	2.10
2010	20.66
1st Quarter	1.75
2nd Quarter	11.92
3rd Quarter	4.12
4th Quarter	2.87
2011	89.39
2nd Quarter	39.27
3rd Quarter	42.65
4th Quarter	7.47
2012	6.88
2nd Quarter	5.97
4th Quarter	0.90
2013	9.14
2nd Quarter	9.14
Grand Total	14518.18

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Row Labels	Sum of Load (lbs/day)
A72	11197.90
1991	
3rd Quarter	188.37
1992	
2nd Quarter	221.93
4th Quarter	10.94
1993	
3rd Quarter	93.87
1996	
1st Quarter	7.67
2nd Quarter	325.27
3rd Quarter	16.02
4th Quarter	41.74
1997	
1st Quarter	69.09
2nd Quarter	1531.46
3rd Quarter	174.35
4th Quarter	113.63
1998	
1st Quarter	21.93
2nd Quarter	833.97
3rd Quarter	123.43
4th Quarter	14.63
1999	

Year & Quarte	M34	CC48
		Quarterly Total
		lbs/day
1991 Q1		
1991 Q2		
1991 Q3	129.39	
1991 Q4	5.31	
1992 Q1	14.37	
1992 Q2	727.33	
1992 Q3	185.54	
1992 Q4	45.36	
1993 Q1	31.76	
1993 Q1	502.07	
1993 Q3	110.04	
1993 Q4	29.76	
1994 Q1	4.47	
1994 Q2		
1994 Q3		
1994 Q4	69.52	3.67
1995 Q1	4.62	26.61
1995 Q2	596.01	30.54
1995 Q3	306.72	33.98
1995 Q4	30.10	9.01
1996 Q1	24.07	3.96
1996 Q2	475.04	
1996 Q3	103.97	

2nd Quarter	379.46
3rd Quarter	59.70
2003	
2nd Quarter	432.88
3rd Quarter	96.60
4th Quarter	7.12
2004	
2nd Quarter	495.57
3rd Quarter	74.33
4th Quarter	75.60
2005	
2nd Quarter	235.04
3rd Quarter	168.00
4th Quarter	128.57
2006	
2nd Quarter	342.38
3rd Quarter	157.76
4th Quarter	44.14
2007	
2nd Quarter	307.06
3rd Quarter	96.89
4th Quarter	68.29
2008	
2nd Quarter	460.83
3rd Quarter	186.21
4th Quarter	15.35
2009	
2nd Quarter	1016.49
3rd Quarter	140.02
4th Quarter	47.05
2010	
1st Quarter	11.27
2nd Quarter	333.35
3rd Quarter	101.62
4th Quarter	49.63
2011	
1st Quarter	14.64
2nd Quarter	1022.13
3rd Quarter	34.15
4th Quarter	28.79
2012	
2nd Quarter	35.21
4th Quarter	7.18
2013	
2nd Quarter	55.81
1995	
4th Quarter	24.60
2000	
2nd Quarter	419.60
4th Quarter	19.48
2001	
2nd Quarter	99.14
3rd Quarter	32.41

1996 Q4	60.85	
1997 Q1	84.85	
1997 Q2	534.51	
1997 Q3	313.50	21.18
1997 Q4	73.58	18.67
1998 Q1	37.95	8.27
1998 Q2	269.40	275.79
1998 Q3	64.31	79.23
1998 Q4	9.49	6.32
1999 Q1	11.42	7.82
1999 Q2	7.74	21.52
1999 Q3		108.95
1999 Q4		31.57
2000 Q1	7.45	7.96
2000 Q2	48.17	
2000 Q3	22.46	
2000 Q4		
2001 Q1		
2001 Q2		
2001 Q3		
2002 Q1		
2002 Q2		2.66
2002 Q3		7.47
2002 Q4		9.32
2003 Q1		5.85
2003 Q2	7.95	121.43
2003 Q3	22.69	
2003 Q4		
2004 Q1	9.68	3.18
2004 Q2	55.95	
2004 Q3	19.38	
2004 Q4	11.85	
2005 Q2	12.10	
2005 Q3	16.57	48.18
2005 Q4	5.33	56.07
2006 Q1	5.16	44.32
2006 Q2	13.48	92.34
2006 Q3	10.97	91.17
2006 Q4	6.13	42.22
2007 Q1	2.14	18.95
2007 Q2	27.06	69.96
2007 Q3	8.50	57.95
2007 Q4	3.09	31.93
2008 Q1	7.34	14.72
2008 Q2		
2008 Q3	14.02	88.66
2008 Q4		
2009 Q1	1.75	9.59
2009 Q2	258.37	365.08
2009 Q3	19.51	122.25
2009 Q4	2.10	24.71
2010 Q1	1.75	6.88
2010 Q2	11.92	157.06

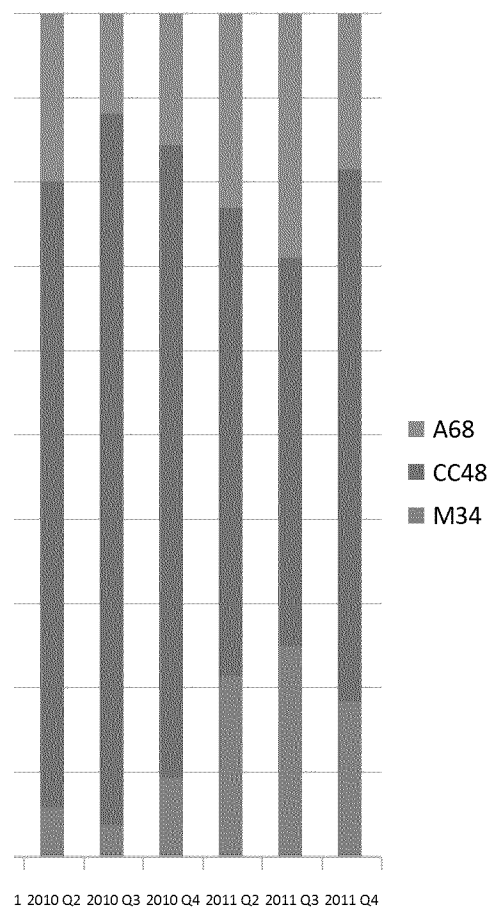
2002  
 2nd Quarter 85.24  
 Grand Total 11197.90

2010 Q3	4.12	96.15
2010 Q4	2.87	23.26
2011 Q1		12.42
2011 Q2	39.27	102.46
2011 Q3	42.65	79.06
2011 Q4	7.47	25.77
2012 Q2	5.97	22.56
2012 Q4	0.90	5.57
2013 Q2	9.14	53.14

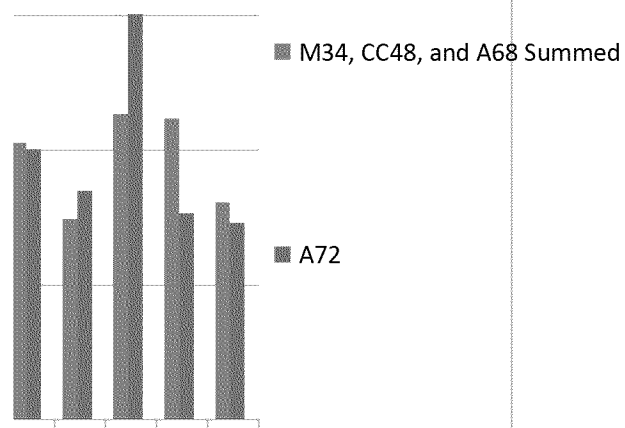
Year & Quarter	M34	CC48	A68	A72	
		Quarterly Total		Yearly Total	
		lbs/day		lbs/day	
1996 Q1	24.07	3.96	4.44123	7.67	
1997 Q3	313.50	21.18	107.26	174.35	
1997 Q4	73.58	18.67	47.13	113.63	
1998 Q1	37.95	8.27	4.67	21.93	
1998 Q2	269.40	275.79	440.31	833.97	
1998 Q3	64.31	79.23	58.28	123.43	
1999 Q2	7.74	21.52	58.54	379.46	
2003 Q2	7.95	121.43	8.70	432.88	
2005 Q3	16.57	48.18	12.92	168.00	
2005 Q4	5.33	56.07	11.27	128.57	
2006 Q2	13.48	92.34	12.84	342.38	
2006 Q3	10.97	91.17	8.68	157.76	
2006 Q4	6.13	42.22	4.85	44.14	
2007 Q2	27.06	69.96	62.95	307.06	
2007 Q3	8.50	57.95	8.23	96.89	
2008 Q3	14.02	88.66	29.31	186.21	
2009 Q2	258.37	365.08	300.92	1016.49	
2009 Q3	19.51	122.25	17.95	140.02	
2009 Q4	2.10	24.71	1.33	47.05	
2010 Q1	1.75	6.88	0.79	11.27	
2010 Q2	11.92	157.06	42.10	333.35	
2010 Q3	4.12	96.15	13.55	101.62	
2010 Q4	2.87	23.26	4.85	49.63	
2011 Q2	39.27	102.46	42.55	1022.13	
2011 Q3	42.65	79.06	49.76	34.15	
2011 Q4	7.47	25.77	7.55	28.79	



centage



to A72



Year & Quarter	M34	CC48
		Quarterly Total
		lbs/day
1996 Q1	24.07	3.96
1997 Q3	313.50	21.18
1997 Q4	73.58	18.67
1998 Q1	37.95	8.27
1998 Q2	269.40	275.79
1998 Q3	64.31	79.23
1999 Q2	7.74	21.52
2003 Q2	7.95	121.43
2005 Q3	16.57	48.18
2005 Q4	5.33	56.07
2006 Q2	13.48	92.34
2006 Q3	10.97	91.17
2006 Q4	6.13	42.22
2007 Q2	27.06	69.96
2007 Q3	8.50	57.95
2008 Q3	14.02	88.66
2009 Q2	258.37	365.08
2009 Q3	19.51	122.25
2009 Q4	2.10	24.71
2010 Q1	1.75	6.88
2010 Q2	11.92	157.06
2010 Q3	4.12	96.15
2010 Q4	2.87	23.26
2011 Q2	39.27	102.46
2011 Q3	42.65	79.06
2011 Q4	7.47	25.77

## Copper Totals and Loads for A68, CC48, and M34

Load (lbs/day)	Location	Date	Year
14.67	A72	9/5/91	1991
2.64	A72	9/6/91	1991
44.64	A72	9/7/91	1991
4.56	A72	9/9/91	1991
36.91	A72	9/10/91	1991
9.87	A72	6/23/92	1992
15.10	A72	6/24/92	1992
3.77	A72	10/15/92	1992
18.06	A72	7/20/93	1993
6.84	A72	7/21/93	1993
5.31	A72	11/29/95	1995
0.65	A72	11/29/95	1995
0.31	A72	1/16/96	1996
2.79	A72	4/9/96	1996
0.22	A72	4/9/96	1996
4.04	A72	5/22/96	1996
0.40	A72	8/14/96	1996
7.53	A72	10/1/96	1996
1.01	A72	11/19/96	1996
7.91	A72	11/19/96	1996
8.35	A72	1/8/97	1997
18.43	A72	1/31/97	1997
4.20	A72	2/26/97	1997
78.60	A72	2/26/97	1997
42.28	A72	3/26/97	1997
103.94	A72	4/28/97	1997
37.84	A72	4/28/97	1997
107.93	A72	5/13/97	1997
28.67	A72	5/20/97	1997
74.36	A72	5/28/97	1997
36.57	A72	6/4/97	1997
72.69	A72	6/12/97	1997
35.02	A72	6/16/97	1997
46.01	A72	6/16/97	1997
25.97	A72	6/25/97	1997
44.96	A72	7/1/97	1997
25.57	A72	7/14/97	1997
45.78	A72	8/13/97	1997
25.51	A72	9/25/97	1997
51.24	A72	10/22/97	1997
23.75	A72	10/22/97	1997
16.35	A72	11/25/97	1997
10.49	A72	12/23/97	1997

59.13	A72	2/13/98	1998
39.96	A72	3/16/98	1998
47.69	A72	4/23/98	1998
15.00	A72	5/5/98	1998
6.91	A72	5/29/98	1998
12.63	A72	6/2/98	1998
5.24	A72	6/2/98	1998
17.47	A72	6/10/98	1998
14.42	A72	6/25/98	1998
14.88	A72	7/9/98	1998
5.45	A72	7/22/98	1998
52.69	A72	9/2/98	1998
25.90	A72	9/30/98	1998
55.45	A72	11/13/98	1998
17.41	A72	4/8/99	1999
3.79	A72	6/3/99	1999
3.69	A72	6/23/99	1999
8.42	A72	8/26/99	1999
9.49	A72	4/13/00	2000
0.72	A72	5/24/00	2000
0.73	A72	11/7/2000	2000
9.03	A72	4/30/01	2001
11.65	A72	8/10/01	2001
0.63	A72	4/16/2002	2002
6.76	A72	5/20/02	2002
0.39	A72	5/2/03	2003
5.24	A72	5/7/03	2003
0.63	A72	5/30/03	2003
4.45	A72	7/2/03	2003
0.37	A72	7/11/03	2003
11.34	A72	9/11/03	2003
0.45	A72	10/27/03	2003
10.73	A72	5/5/04	2004
2.91	A72	5/5/04	2004
11.03	A72	5/11/04	2004
11.18	A72	6/8/04	2004
12.73	A72	7/7/04	2004
16.31	A72	7/7/04	2004
26.87	A72	8/4/04	2004
19.86	A72	9/1/04	2004
59.14	A72	10/14/04	2004
31.18	A72	11/8/04	2004
57.77	A72	11/10/04	2004
48.58	A72	11/10/04	2004
124.68	A72	4/9/05	2005
207.43	A72	5/4/05	2005
111.15	A72	5/4/05	2005
39.75	A72	5/10/05	2005
31.61	A72	6/28/05	2005
119.16	A72	7/6/05	2005

340.49	A72	8/8/05	2005
50.95	A72	8/10/05	2005
81.30	A72	9/14/05	2005
14.78	A72	9/15/05	2005
10.68	A72	10/13/05	2005
33.04	A72	11/2/05	2005
5.56	A72	11/2/05	2005
13.30	A72	12/12/05	2005
15.10	A72	12/20/05	2005
7.75	A72	4/5/06	2006
8.89	A72	4/19/06	2006
10.95	A72	5/10/06	2006
3.21	A72	5/24/06	2006
3.95	A72	6/6/06	2006
10.01	A72	7/12/06	2006
1.70	A72	7/12/06	2006
12.86	A72	9/6/06	2006
3.04	A72	9/27/06	2006
12.80	A72	11/1/06	2006
1.37	A72	4/16/07	2007
11.26	A72	5/11/07	2007
0.80	A72	5/16/07	2007
5.70	A72	7/11/07	2007
0.56	A72	7/18/07	2007
4.47	A72	9/5/07	2007
1.00	A72	11/6/07	2007
23.64	A72	11/7/07	2007
3.43	A72	5/14/08	2008
16.50	A72	6/3/08	2008
20.99	A72	7/9/08	2008
1.19	A72	8/14/08	2008
7.40	A72	9/3/08	2008
8.38	A72	9/3/08	2008
3.67	A72	12/2/08	2008
1.37	A72	4/29/09	2009
4.62	A72	5/13/09	2009
3.60	A72	5/13/09	2009
1.07	A72	5/13/09	2009
7.35	A72	6/16/09	2009
1.25	A72	7/8/09	2009
6.58	A72	7/14/09	2009
2.87	A72	7/21/09	2009
9.07	A72	8/18/09	2009
3.87	A72	9/9/09	2009
17.44	A72	9/16/09	2009
0.31	A72	9/16/09	2009
9.26	A72	9/22/09	2009
5.29	A72	11/4/09	2009
15.08	A72	11/13/09	2009
7.65	A72	11/17/09	2009

4.61	A72	3/17/10	2010
15.28	A72	4/13/10	2010
7.70	A72	5/4/10	2010
5.72	A72	6/2/10	2010
15.19	A72	6/9/10	2010
5.93	A72	7/8/10	2010
8.51	A72	7/8/10	2010
93.74	A72	7/13/10	2010
99.63	A72	8/10/10	2010
25.33	A72	9/14/10	2010
68.56	A72	11/2/10	2010
66.15	A72	11/3/10	2010
136.71	A72	11/3/10	2010
355.69	A72	3/15/11	2011
186.89	A72	4/4/11	2011
313.31	A72	5/4/11	2011
720.39	A72	6/7/11	2011
46.79	A72	6/14/11	2011
83.16	A72	8/16/11	2011
48.17	A72	8/31/11	2011
17.16	A72	9/7/11	2011
88.13	A72	9/13/11	2011
252.43	A72	10/18/11	2011
40.78	A72	11/2/11	2011
36.86	A72	11/10/11	2011
19.13	A72	5/15/12	2012
10.55	A72	10/2/12	2012
39.10	A72	5/14/13	2013

25.24  
14.07  
21.58  
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7.66

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5.71



11.18
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22.64
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33.83
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74.76
88.74

52.47

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27.97

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53.25

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4.30  
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2.40  
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4.08  
7.74  
6.69  
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44.97  
8.19  
8.19  
7.93  
3.52  
9.08  
18.17  
7.45  
0.68  
10.87  
1.59  
2.54  
4.22  
0.78  
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3.00  
0.78  
3.24  
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2.29

0.94  
48.17  
58.38  
9.84  
5.95  
12.62  
6.29  
3.38  
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0.92  
60.07  
7.17  
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1.47  
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2.66  
1.18  
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1.84  
3.78  
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1.83  
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3.15  
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30.21

3.45  
3.09  
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7.34  
14.72  
8.20  
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55.68  
25.44  
4.17  
32.98  
1.86  
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32.54  
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58.09  
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8.51  
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6.86  
4.24  
19.85  
6.52  
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19.33  
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2.91  
20.17  
21.95  
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16.57  
0.91  
2.10  
12.70  
0.55  
12.01  
0.78  
1.75  
6.88  
0.79  
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11.92  

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32.85

38.59  
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67.73  
27.89  
4.12  
16.27  
18.72  
2.02  
2.43  
14.27  
4.37  
16.50  
16.95  
2.36  
13.43  
2.37  
11.41  
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11.86  
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3.40  
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93.24  
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30.37  
36.57  
7.12  
16.65  
7.23  
2.85  
16.89  
1.65  
3.99

15.15  
4.32  
5.39  
13.94  
4.96  
2.08  
11.83  
2.59  
5.97  
22.56  
0.90  
5.57  
53.14  
9.14























A68	A72
	Yearly Total
	lbs/day
27.68	188.37
0.65	
1.94	
391.86	221.93
65.39	
2.46	10.94
4.36	
899.10	
44.77	93.87
2.73	
1.00	
13.39	
9.06	
1687.80	
333.67	
6.52	
4.44	7.67
241.78	325.27
15.77	16.02

8.31	41.74
29.25	69.09
789.16	1531.46
107.26	174.35
47.13	113.63
4.67	21.93
440.31	833.97
58.28	123.43

6.68	
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6.41	
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58.54	379.46
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33.38	59.70
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9.72	
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3.05	
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58.38	
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12.24	
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3.38	
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2.35	
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60.07	
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7.17	
------	--

2.36	
------	--

4.74	
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#REF!	
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#REF!	
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8.70	432.88
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16.56	96.60
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#REF!	
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4.28	
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90.62	495.57
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6.32	74.33
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1.83	75.60
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17.42	235.04
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12.92	168.00
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11.27	128.57
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3.43	
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12.84	342.38
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8.68	157.76
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4.85	44.14
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0.71	
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62.95	307.06
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8.23	96.89
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#REF!	68.29
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8.20	
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#REF!	
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29.31	186.21
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#REF!	
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#REF!	
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300.92	1016.49
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17.95	140.02
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1.33	47.05
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0.79	11.27
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42.10	333.35
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13.55	101.62
4.85	49.63
4.77	14.64
42.55	1022.13
49.76	34.15
7.55	28.79


35.21

55.81

A68	Summed ("Predicted") Cadmium Loads of M34, CC48, and A68 for Comparison to A72	A72
		Yearly Total
	lbs/day	lbs/day
4.44	32.48	7.67
107.26	441.94	174.35
47.13	139.38	113.63
4.67	50.89	21.93
440.31	985.50	833.97
58.28	201.82	123.43
58.54	87.80	379.46
8.70	138.07	432.88
12.92	77.67	168.00
11.27	72.67	128.57
12.84	118.66	342.38
8.68	110.82	157.76
4.85	53.20	44.14
62.95	159.96	307.06
8.23	74.67	96.89
29.31	131.99	186.21
300.92	924.37	1016.49
17.95	159.71	140.02
1.33	28.14	47.05
0.79	9.42	11.27
42.10	211.08	333.35
13.55	113.82	101.62
4.85	30.98	49.63
42.55	184.28	1022.13
49.76	171.48	34.15
7.55	40.79	28.79

Quarter	Flow (cfs)	Total (ug/L)	Load (lbs/day)
3rd Quarter	131.00	29.00	20.49
3rd Quarter	185.00	50.00	49.89
3rd Quarter	261.00	37.00	52.09
3rd Quarter	269.00	20.00	29.02
3rd Quarter	263.00	26.00	36.88
2nd Quarter	965.00	8.00	41.64
2nd Quarter	955.00	35.00	180.29
4th Quarter	78.00	26.00	10.94
3rd Quarter	464.00	19.00	47.55
3rd Quarter	452.00	19.00	46.32
4th Quarter	76.00	30.00	12.30
4th Quarter	76.00	30.00	12.30
1st Quarter	64.60	22.00	7.67
2nd Quarter	167.00	55.00	49.54
2nd Quarter	167.00	60.00	54.05
2nd Quarter	1370.00	30.00	221.68
3rd Quarter	99.00	30.00	16.02
4th Quarter	127.00	18.20	12.47
4th Quarter	100.00	34.27	18.48
4th Quarter	100.00	20.00	10.79
1st Quarter	55.50	33.14	9.92
1st Quarter	74.00	31.23	12.46
1st Quarter	64.80	32.27	11.28
1st Quarter	64.80	28.49	9.96
1st Quarter	120.00	39.35	25.47
2nd Quarter	214.00	42.08	48.57
2nd Quarter	214.00	62.00	71.56
2nd Quarter	705.00	65.28	248.22
2nd Quarter	1190.00	36.13	231.90
2nd Quarter	568.00	34.99	107.20
2nd Quarter	2280.00	26.73	328.69
2nd Quarter	1350.00	23.86	173.75
2nd Quarter	1350.00	18.85	137.25
2nd Quarter	1240.00	19.00	127.08
2nd Quarter	1350.00	7.86	57.24
3rd Quarter	1350.00	8.95	65.15
3rd Quarter	769.00	9.58	39.73
3rd Quarter	467.00	12.03	30.30
3rd Quarter	406.00	17.89	39.17
4th Quarter	220.00	41.24	48.94
4th Quarter	221.00	30.00	35.76
4th Quarter	115.00	31.05	19.26
4th Quarter	86.00	20.84	9.67

1st Quarter	61.30	29.52	9.76
1st Quarter	65.20	34.62	12.17
2nd Quarter	181.00	31.54	30.79
2nd Quarter	471.00	37.22	94.56
2nd Quarter	1190.00	28.97	185.92
2nd Quarter	1460.00	27.43	215.99
2nd Quarter	1190.00	27.43	176.05
2nd Quarter	632.00	21.26	72.48
2nd Quarter	901.00	11.97	58.18
3rd Quarter	691.00	15.14	56.43
3rd Quarter	357.00	14.52	27.96
3rd Quarter	214.00	18.00	20.78
3rd Quarter	111.00	30.51	18.27
4th Quarter	113.00	24.00	14.63
2nd Quarter	95.00	20.91	10.71
2nd Quarter	819.00	25.42	112.31
2nd Quarter	1519.00	31.30	256.45
3rd Quarter	411.00	26.93	59.70
2nd Quarter	166.00	43.28	38.75
2nd Quarter	1570.00	44.97	380.84
4th Quarter	108.00	33.43	19.48
2nd Quarter	405.00	45.38	99.14
3rd Quarter	252.00	23.85	32.41
2nd Quarter	182.00	38.94	38.23
2nd Quarter	391.00	22.29	47.01
2nd Quarter	263.00	44.71	63.43
2nd Quarter	217.00	42.60	49.86
2nd Quarter	1570.00	37.74	319.59
3rd Quarter	363.00	16.50	32.31
3rd Quarter	209.00	14.26	16.08
3rd Quarter	297.00	30.10	48.22
4th Quarter	67.60	19.53	7.12
2nd Quarter	550.00	45.00	133.50
2nd Quarter	550.00	28.00	83.06
2nd Quarter	860.00	29.61	137.36
2nd Quarter	1170.00	22.45	141.64
3rd Quarter	350.00	13.00	24.54
3rd Quarter	350.00	14.20	26.81
3rd Quarter	153.00	17.23	14.22
3rd Quarter	65.00	25.00	8.76
4th Quarter	148.00	21.90	17.48
4th Quarter	115.00	31.50	19.54
4th Quarter	120.00	27.60	17.86
4th Quarter	120.00	32.00	20.71
2nd Quarter	115.00	36.78	22.82
2nd Quarter	181.00	32.26	31.49
2nd Quarter	181.00	33.00	32.22
2nd Quarter	356.00	42.43	81.46
2nd Quarter	1040.00	11.95	67.05
3rd Quarter	779.00	10.00	42.02

3rd Quarter	297.00	19.74	31.62
3rd Quarter	286.00	26.00	40.11
3rd Quarter	166.00	33.70	30.17
3rd Quarter	124.00	36.00	24.08
4th Quarter	216.00	31.00	36.12
4th Quarter	131.00	33.00	23.32
4th Quarter	131.00	37.10	26.21
4th Quarter	98.60	44.90	23.88
4th Quarter	66.00	53.50	19.05
2nd Quarter	114.00	39.30	24.17
2nd Quarter	227.00	37.16	45.50
2nd Quarter	342.00	28.00	51.65
2nd Quarter	1230.00	20.52	136.12
2nd Quarter	1260.00	12.50	84.95
3rd Quarter	334.00	21.00	37.83
3rd Quarter	334.00	23.50	42.34
3rd Quarter	138.00	44.00	32.75
3rd Quarter	200.00	41.57	44.84
4th Quarter	167.00	49.00	44.14
2nd Quarter	143.00	37.63	29.02
2nd Quarter	763.00	30.00	123.46
2nd Quarter	1130.00	25.36	154.57
3rd Quarter	371.00	18.00	36.02
3rd Quarter	261.00	20.56	28.94
3rd Quarter	148.00	40.00	31.93
4th Quarter	125.00	48.92	32.98
4th Quarter	119.00	55.00	35.30
2nd Quarter	348.00	28.34	53.20
2nd Quarter	1880.00	40.20	407.64
3rd Quarter	798.00	20.00	86.08
3rd Quarter	197.00	31.57	33.55
3rd Quarter	181.00	32.00	31.24
3rd Quarter	181.00	36.20	35.34
4th Quarter	74.80	38.04	15.35
2nd Quarter	501.00	29.25	79.04
2nd Quarter	1490.00	32.00	257.17
2nd Quarter	2090.00	28.00	315.64
2nd Quarter	1490.00	32.00	257.17
2nd Quarter	615.00	14.80	49.09
3rd Quarter	508.00	13.00	35.62
2nd Quarter	407.00	15.70	34.47
2nd Quarter	223.00	19.87	23.90
3rd Quarter	104.00	40.70	22.83
3rd Quarter	94.60	32.06	16.36
3rd Quarter	120.00	31.00	20.06
3rd Quarter	120.00	34.80	22.52
3rd Quarter	123.00	34.10	22.62
4th Quarter	76.00	38.00	15.58
4th Quarter	71.30	37.30	14.34
4th Quarter	68.00	46.70	17.13

1st Quarter	51.60	40.50	11.27
2nd Quarter	138.00	34.80	25.90
2nd Quarter	189.00	21.39	21.81
2nd Quarter	1580.00	13.40	114.20
2nd Quarter	1300.00	24.45	171.44
3rd Quarter	259.00	15.00	20.95
3rd Quarter	232.00	16.00	20.02
3rd Quarter	205.00	19.80	21.89
3rd Quarter	199.00	20.76	22.28
3rd Quarter	96.00	31.80	16.47
4th Quarter	99.00	30.50	16.29
4th Quarter	110.00	30.00	17.80
4th Quarter	110.00	26.20	15.54
1st Quarter	81.00	33.50	14.64
2nd Quarter	117.00	34.20	21.58
2nd Quarter	116.00	29.00	18.14
2nd Quarter	1850.00	78.80	786.30
2nd Quarter	1620.00	16.50	144.18
2nd Quarter	158.00	22.20	18.92
2nd Quarter	132.00	24.10	17.16
3rd Quarter	114.00	29.00	17.83
2nd Quarter	102.00	28.80	15.84
3rd Quarter	125.00	24.20	16.32
4th Quarter	101.00	25.00	13.62
4th Quarter	91.00	30.90	15.17
2nd Quarter	535.00	12.20	35.21
4th Quarter	74.00	18.00	7.18
2nd Quarter	398.00	26.00	55.81









































































































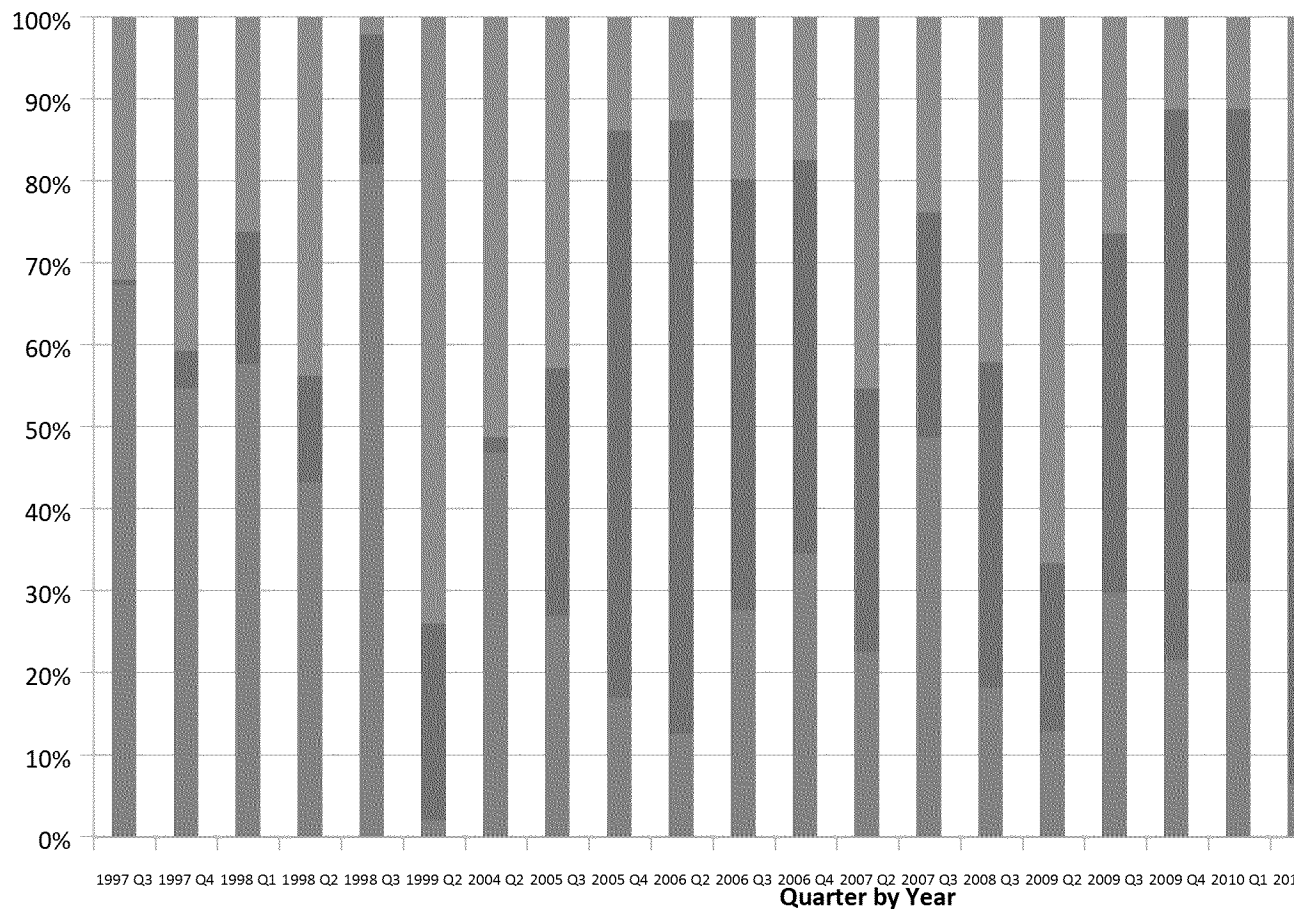




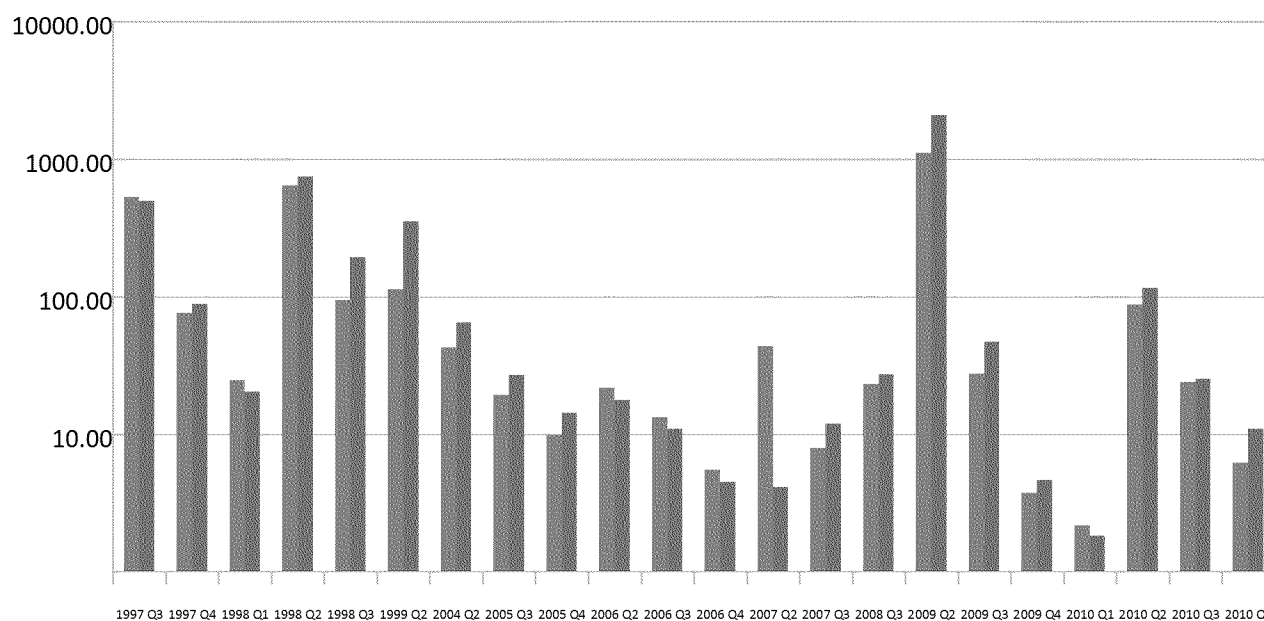




Lead Loads from A68, CC48, and M34 by Percent



M34, CC48, and A68 Summed for Comparison to



**Lead Totals and Loads for A68, CC48, and M34**

Location	Date	Year	Quarter	Flow (cfs)	Total (ug/L)
A68	9/5/91	1991	3rd Quarter	61.17	6.00
M34	9/5/91	1991	3rd Quarter	34.00	13.00
A68	9/6/91	1991	3rd Quarter	84.50	29.00
M34	9/6/91	1991	3rd Quarter	89.00	19.00
A68	9/7/91	1991	3rd Quarter	101.63	96.00
M34	9/7/91	1991	3rd Quarter	118.00	12.00
M34	9/9/91	1991	3rd Quarter	112.00	5.00
A68	9/10/91	1991	3rd Quarter	126.87	25.00
M34	9/10/91	1991	3rd Quarter	108.00	6.00
M34	12/7/91	1991	4th Quarter	21.00	1.00
M34	2/13/92	1992	1st Quarter	15.00	1.00
M34	3/5/92	1992	1st Quarter	17.00	1.00
M34	3/16/92	1992	1st Quarter	21.00	1.00
M34	4/13/92	1992	2nd Quarter	26.00	12.20
M34	4/20/92	1992	2nd Quarter	52.00	12.30
M34	4/30/92	1992	2nd Quarter	189.00	1.00
M34	5/5/92	1992	2nd Quarter	202.00	1.00
M34	5/11/92	1992	2nd Quarter	145.00	15.50
M34	5/18/92	1992	2nd Quarter	305.00	1.00
M34	5/26/92	1992	2nd Quarter	307.00	1.00
M34	6/1/92	1992	2nd Quarter	193.00	1.00
M34	6/8/92	1992	2nd Quarter	276.00	1.00
M34	6/15/92	1992	2nd Quarter	345.00	1.00
M34	6/22/92	1992	2nd Quarter	406.00	1.00
M34	6/23/92	1992	2nd Quarter	379.00	5.00
A68	6/24/92	1992	2nd Quarter	463.00	15.00
M34	6/24/92	1992	2nd Quarter	378.00	7.00
A68	6/25/92	1992	2nd Quarter	421.00	32.00
M34	7/14/92	1992	3rd Quarter	152.00	1.00
M34	7/21/92	1992	3rd Quarter	105.00	1.00
M34	7/27/92	1992	3rd Quarter	178.00	1.00
M34	8/10/92	1992	3rd Quarter	89.00	1.00
A68	8/24/92	1992	3rd Quarter	116.00	183.00
M34	8/24/92	1992	3rd Quarter	162.00	21.70
M34	9/15/92	1992	3rd Quarter	69.00	19.10
M34	9/15/92	1992	3rd Quarter	53.00	1.00
A68	9/16/92	1992	3rd Quarter	60.00	15.40
M34	10/14/92	1992	4th Quarter	32.00	1.00
M34	10/14/92	1992	4th Quarter	32.00	9.30
M34	10/15/92	1992	4th Quarter	31.00	7.40
M34	11/18/92	1992	4th Quarter	29.00	1.00
M34	12/16/92	1992	4th Quarter	20.00	1.00
M34	1/13/93	1993	1st Quarter	17.00	1.00
M34	2/17/93	1993	1st Quarter	17.00	1.00

M34	3/10/93	1993	1st Quarter	24.00	1.00
M34	3/31/93	1993	1st Quarter	25.00	13.50
A68	4/14/93	1993	2nd Quarter	27.00	143.00
M34	4/14/93	1993	2nd Quarter	29.00	1.00
A68	4/21/93	1993	2nd Quarter	40.00	134.00
M34	4/21/93	1993	2nd Quarter	39.00	12.10
M34	4/28/93	1993	2nd Quarter	109.00	11.30
A68	4/29/93	1993	2nd Quarter	99.00	77.20
A68	5/4/93	1993	2nd Quarter	132.00	43.00
M34	5/4/93	1993	2nd Quarter	112.00	13.00
A68	5/12/93	1993	2nd Quarter	190.00	53.50
M34	5/12/93	1993	2nd Quarter	140.00	1.80
A68	5/26/93	1993	2nd Quarter	741.00	67.00
M34	5/26/93	1993	2nd Quarter	575.00	14.30
A68	6/2/93	1993	2nd Quarter	718.00	61.00
M34	6/9/93	1993	2nd Quarter	213.00	1.00
A68	6/16/93	1993	2nd Quarter	907.00	138.00
M34	6/16/93	1993	2nd Quarter	863.00	23.30
A68	6/23/93	1993	2nd Quarter	769.00	41.30
M34	6/23/93	1993	2nd Quarter	738.00	1.00
M34	7/14/93	1993	3rd Quarter	261.00	1.00
M34	7/20/93	1993	3rd Quarter	175.00	5.00
M34	7/21/93	1993	3rd Quarter	184.00	1.00
M34	7/21/93	1993	3rd Quarter	175.00	5.00
M34	7/28/93	1993	3rd Quarter	140.00	1.00
M34	8/25/93	1993	3rd Quarter	67.00	1.00
M34	9/15/93	1993	3rd Quarter	61.00	1.00
M34	10/13/93	1993	4th Quarter	43.00	1.00
M34	11/17/93	1993	4th Quarter	40.00	1.00
M34	12/15/93	1993	4th Quarter	38.00	1.00
M34	1/12/94	1994	1st Quarter	40.00	1.00
M34	10/12/94	1994	4th Quarter	53.00	5.00
M34	11/9/94	1994	4th Quarter	36.00	12.00
M34	11/9/94	1994	4th Quarter	38.00	5.80
CC48	12/13/94	1994	4th Quarter	15.00	12.00
M34	12/13/94	1994	4th Quarter	33.00	4.30
CC48	1/18/95	1995	1st Quarter	15.00	9.90
M34	1/18/95	1995	1st Quarter	19.60	3.60
CC48	2/15/95	1995	1st Quarter	17.00	34.90
CC48	3/1/95	1995	1st Quarter	21.00	9.50
CC48	3/15/95	1995	1st Quarter	24.00	12.20
CC48	4/6/95	1995	2nd Quarter	27.00	3.00
CC48	4/12/95	1995	2nd Quarter	24.00	14.00
M34	4/12/95	1995	2nd Quarter	42.00	15.00
M34	4/12/95	1995	2nd Quarter	1.16	8.00
CC48	4/19/95	1995	2nd Quarter	23.00	7.10
M34	4/19/95	1995	2nd Quarter	40.00	5.90
CC48	5/3/95	1995	2nd Quarter	24.00	8.80
M34	5/3/95	1995	2nd Quarter	43.00	5.80
CC48	5/10/95	1995	2nd Quarter	23.00	7.60

M34	5/10/95	1995	2nd Quarter	41.00	7.50
M34	5/22/95	1995	2nd Quarter	226.00	14.30
M34	6/7/95	1995	2nd Quarter	317.00	10.40
M34	6/14/95	1995	2nd Quarter	718.00	11.90
M34	6/21/95	1995	2nd Quarter	770.00	50.00
M34	6/28/95	1995	2nd Quarter	529.00	7.80
M34	7/5/95	1995	3rd Quarter	380.00	5.30
M34	7/12/95	1995	3rd Quarter	797.00	11.10
M34	7/19/95	1995	3rd Quarter	540.00	4.00
M34	8/2/95	1995	3rd Quarter	298.00	3.70
M34	8/8/95	1995	3rd Quarter	290.00	7.00
M34	8/8/95	1995	3rd Quarter	260.00	4.00
CC48	8/16/95	1995	3rd Quarter	40.00	7.10
M34	8/16/95	1995	3rd Quarter	162.00	2.90
CC48	9/13/95	1995	3rd Quarter	25.00	47.80
M34	9/13/95	1995	3rd Quarter	77.00	4.20
M34	10/5/95	1995	4th Quarter	46.00	8.00
M34	10/5/95	1995	4th Quarter	48.00	9.00
CC48	10/11/95	1995	4th Quarter	18.00	6.40
CC48	11/15/95	1995	4th Quarter	17.00	1.20
M34	11/29/95	1995	4th Quarter	24.00	10.30
CC48	12/13/95	1995	4th Quarter	14.00	6.00
M34	1/16/96	1996	1st Quarter	16.00	6.00
CC48	1/17/96	1996	1st Quarter	15.00	8.90
M34	2/14/96	1996	1st Quarter	20.00	6.20
M34	3/13/96	1996	1st Quarter	25.00	10.40
M34	3/20/96	1996	1st Quarter	23.00	13.00
M34	4/9/96	1996	2nd Quarter	58.00	22.00
M34	4/10/96	1996	2nd Quarter	77.00	10.30
M34	4/17/96	1996	2nd Quarter	41.00	7.60
M34	5/1/96	1996	2nd Quarter	110.00	9.00
M34	5/8/96	1996	2nd Quarter	312.00	11.60
M34	5/15/96	1996	2nd Quarter	514.00	11.30
M34	5/21/96	1996	2nd Quarter	524.00	8.00
M34	5/29/96	1996	2nd Quarter	112.00	5.50
M34	6/5/96	1996	2nd Quarter	348.00	4.40
M34	6/12/96	1996	2nd Quarter	245.00	3.90
M34	6/19/96	1996	2nd Quarter	208.00	1.80
M34	6/26/96	1996	2nd Quarter	148.00	2.20
M34	7/3/96	1996	3rd Quarter	133.00	3.80
M34	7/10/96	1996	3rd Quarter	121.00	6.60
M34	7/16/96	1996	3rd Quarter	75.00	6.00
M34	7/17/96	1996	3rd Quarter	74.00	4.40
M34	8/7/96	1996	3rd Quarter	44.00	3.70
M34	8/14/96	1996	3rd Quarter	36.00	15.00
M34	8/21/96	1996	3rd Quarter	35.00	6.10
M34	9/18/96	1996	3rd Quarter	72.00	5.50
A68	10/1/96	1996	4th Quarter	55.00	1.40
M34	10/16/96	1996	4th Quarter	73.00	5.50
M34	11/13/96	1996	4th Quarter	46.00	8.10

M34	11/19/96	1996	4th Quarter	35.20	30.00
M34	12/18/96	1996	4th Quarter	31.00	2.80
M34	1/3/97	1997	1st Quarter	26.30	30.00
M34	1/7/97	1997	1st Quarter	23.00	8.00
M34	1/15/97	1997	1st Quarter	24.00	4.60
M34	1/30/97	1997	1st Quarter	25.80	30.00
M34	2/25/97	1997	1st Quarter	20.90	30.00
M34	3/5/97	1997	1st Quarter	21.00	11.00
M34	3/12/97	1997	1st Quarter	24.00	20.20
M34	3/19/97	1997	1st Quarter	30.00	14.30
M34	3/25/97	1997	1st Quarter	40.40	30.00
M34	4/2/97	1997	2nd Quarter	38.00	1.00
M34	4/16/97	1997	2nd Quarter	33.00	11.40
M34	4/29/97	1997	2nd Quarter	68.70	30.00
M34	4/30/97	1997	2nd Quarter	66.00	7.60
M34	5/7/97	1997	2nd Quarter	151.00	18.00
M34	5/13/97	1997	2nd Quarter	210.00	30.00
A68	5/14/97	1997	2nd Quarter	433.00	58.99
M34	5/20/97	1997	2nd Quarter	273.00	30.00
M34	5/21/97	1997	2nd Quarter	352.00	9.70
M34	5/28/97	1997	2nd Quarter	175.00	5.60
M34	5/28/97	1997	2nd Quarter	171.00	30.00
A68	6/5/97	1997	2nd Quarter	883.00	55.28
M34	6/5/97	1997	2nd Quarter	752.00	30.00
M34	6/12/97	1997	2nd Quarter	494.00	30.00
A68	6/16/97	1997	2nd Quarter	580.00	45.30
M34	6/17/97	1997	2nd Quarter	468.00	30.00
M34	6/26/97	1997	2nd Quarter	445.00	30.00
A68	7/1/97	1997	3rd Quarter	585.00	30.52
M34	7/1/97	1997	3rd Quarter	487.00	30.00
M34	7/9/97	1997	3rd Quarter	246.00	4.00
M34	7/14/97	1997	3rd Quarter	242.00	30.00
A68	7/30/97	1997	3rd Quarter	324.00	42.33
M34	7/30/97	1997	3rd Quarter	393.00	30.00
M34	8/10/97	1997	3rd Quarter	445.00	30.00
M34	8/12/97	1997	3rd Quarter	204.00	30.00
CC48	8/13/97	1997	3rd Quarter	33.00	9.30
M34	8/13/97	1997	3rd Quarter	192.00	1.90
M34	8/25/97	1997	3rd Quarter	90.00	30.00
M34	8/25/97	1997	3rd Quarter	94.00	30.00
CC48	9/11/97	1997	3rd Quarter	16.00	9.50
M34	9/11/97	1997	3rd Quarter	86.00	7.00
CC48	9/17/97	1997	3rd Quarter	21.00	12.40
M34	9/25/97	1997	3rd Quarter	181.00	30.00
CC48	10/15/97	1997	4th Quarter	38.00	8.40
A68	10/22/97	1997	4th Quarter	115.00	32.67
M34	10/22/97	1997	4th Quarter	83.10	65.47
CC48	11/12/97	1997	4th Quarter	16.00	9.80
M34	11/12/97	1997	4th Quarter	51.00	13.00
A68	11/25/97	1997	4th Quarter	44.20	45.21

<b>M34</b>	11/25/97	1997	4th Quarter	38.70	30.00
CC48	12/17/97	1997	4th Quarter	15.00	11.40
<b>M34</b>	12/23/97	1997	4th Quarter	14.80	30.00
<b>M34</b>	1/7/98	1998	1st Quarter	24.00	11.00
CC48	1/14/98	1998	1st Quarter	14.00	11.10
CC48	2/11/98	1998	1st Quarter	14.00	9.00
<b>M34</b>	2/13/98	1998	1st Quarter	29.20	30.00
CC48	3/4/98	1998	1st Quarter	13.00	24.80
<b>M34</b>	3/5/98	1998	1st Quarter	21.00	9.00
<b>A68</b>	3/16/98	1998	1st Quarter	25.10	48.27
<b>M34</b>	3/16/98	1998	1st Quarter	19.40	30.00
CC48	3/18/98	1998	1st Quarter	13.00	11.30
<b>M34</b>	3/19/98	1998	1st Quarter	25.00	30.00
CC48	4/1/98	1998	2nd Quarter	16.00	11.80
CC48	4/15/98	1998	2nd Quarter	16.00	7.30
<b>M34</b>	4/22/98	1998	2nd Quarter	29.40	30.00
CC48	4/29/98	1998	2nd Quarter	43.00	21.00
CC48	5/5/98	1998	2nd Quarter	80.00	22.80
<b>M34</b>	5/5/98	1998	2nd Quarter	157.00	30.00
<b>M34</b>	5/7/98	1998	2nd Quarter	11.00	10.00
CC48	5/13/98	1998	2nd Quarter	81.00	42.20
<b>M34</b>	5/28/98	1998	2nd Quarter	424.00	30.00
<b>A68</b>	5/29/98	1998	2nd Quarter	449.00	33.98
<b>A68</b>	6/2/98	1998	2nd Quarter	621.00	60.27
<b>M34</b>	6/2/98	1998	2nd Quarter	618.00	30.00
CC48	6/3/98	1998	2nd Quarter	183.00	29.50
CC48	6/10/98	1998	2nd Quarter	85.00	12.90
<b>M34</b>	6/10/98	1998	2nd Quarter	197.00	30.00
CC48	6/17/98	1998	2nd Quarter	93.00	12.60
CC48	6/24/98	1998	2nd Quarter	116.00	13.20
<b>M34</b>	6/25/98	1998	2nd Quarter	300.00	30.00
<b>M34</b>	7/1/98	1998	3rd Quarter	382.00	4.00
CC48	7/8/98	1998	3rd Quarter	84.00	9.50
<b>M34</b>	7/9/98	1998	3rd Quarter	254.00	30.00
CC48	7/15/98	1998	3rd Quarter	54.00	8.30
CC48	7/22/98	1998	3rd Quarter	40.00	16.10
<b>M34</b>	7/22/98	1998	3rd Quarter	119.00	30.00
CC48	8/26/98	1998	3rd Quarter	20.00	21.70
<b>A68</b>	9/2/98	1998	3rd Quarter	83.00	4.70
CC48	9/2/98	1998	3rd Quarter	18.00	15.00
<b>M34</b>	9/9/98	1998	3rd Quarter	51.00	6.00
CC48	9/16/98	1998	3rd Quarter	18.00	10.40
<b>M34</b>	9/30/98	1998	3rd Quarter	45.40	30.00
CC48	10/14/98	1998	4th Quarter	18.00	6.60
<b>M34</b>	11/3/98	1998	4th Quarter	40.00	9.00
CC48	11/18/98	1998	4th Quarter	20.00	10.80
<b>M34</b>	1/6/99	1999	1st Quarter	21.00	8.00
CC48	1/13/99	1999	4th Quarter	15.00	10.90
CC48	2/24/99	1999	1st Quarter	14.00	30.70
<b>M34</b>	3/3/99	1999	1st Quarter	20.00	15.00
CC48	3/17/99	1999	1st Quarter	14.00	13.90

CC48	4/1/99	1999	1st Quarter	23.00	11.50
CC48	4/21/99	1999	2nd Quarter	38.00	12.80
M34	5/6/99	1999	2nd Quarter	41.00	10.00
A68	6/23/99	1999	2nd Quarter	725.00	21.60
CC48	6/23/99	1999	2nd Quarter	192.00	23.90
CC48	9/13/99	1999	3rd Quarter	27.00	30.10
CC48	10/14/99	1999	4th Quarter	18.00	13.40
CC48	11/17/99	1999	4th Quarter	14.00	13.50
CC48	12/15/99	1999	4th Quarter	13.00	16.10
A68	1/5/00	2000	1st Quarter	29.00	1.00
M34	1/5/00	2000	1st Quarter	34.00	4.00
CC48	1/12/00	2000	4th Quarter	14.00	13.10
CC48	2/28/00	2000	4th Quarter	9.40	26.20
A68	3/1/00	2000	1st Quarter	17.00	2.00
M34	3/1/00	2000	1st Quarter	20.00	7.00
CC48	3/15/00	2000	1st Quarter	13.00	12.50
A68	5/3/00	2000	2nd Quarter	328.00	14.00
M34	5/3/00	2000	2nd Quarter	235.00	14.00
A68	7/5/00	2000	3rd Quarter	92.00	2.00
M34	7/5/00	2000	3rd Quarter	76.00	5.00
A68	9/6/00	2000	3rd Quarter	106.00	19.00
M34	9/6/00	2000	3rd Quarter	65.00	8.00
CC48	6/27/02	2002	2nd Quarter	15.00	4.90
CC48	7/17/02	2002	3rd Quarter	12.00	8.10
CC48	8/14/02	2002	3rd Quarter	13.00	8.00
CC48	9/18/02	2002	3rd Quarter	17.00	9.00
CC48	10/25/02	2002	4th Quarter	15.00	7.20
CC48	11/12/02	2002	4th Quarter	14.00	13.10
CC48	12/8/02	2002	4th Quarter	13.00	8.10
CC48	1/8/03	2003	4th Quarter	8.50	21.30
CC48	2/1/03	2003	4th Quarter	8.70	12.90
CC48	3/9/03	2003	1st Quarter	9.70	33.50
CC48	4/24/03	2003	2nd Quarter	23.00	14.90
CC48	5/7/03	2003	2nd Quarter	33.00	16.20
M34	5/7/03	2003	2nd Quarter	65.21	7.10
CC48	6/2/03	2003	2nd Quarter	194.00	28.30
M34	7/2/03	2003	3rd Quarter	92.30	2.00
A68	9/11/03	2003	3rd Quarter	132.00	5.20
M34	9/11/03	2003	3rd Quarter	89.98	5.10
A68	3/3/04	2004	1st Quarter	54.00	3.00
A68	3/3/04	2004	1st Quarter	54.00	3.10
CC48	3/3/04	2004	2nd Quarter	9.80	15.40
M34	3/3/04	2004	1st Quarter	45.00	5.00
M34	3/3/04	2004	1st Quarter	45.00	3.90
A68	5/5/04	2004	2nd Quarter	210.00	7.40
A68	5/5/04	2004	2nd Quarter	210.00	12.00
M34	5/5/04	2004	2nd Quarter	154.60	16.00
M34	5/5/04	2004	2nd Quarter	154.60	8.00
A68	7/7/04	2004	3rd Quarter	169.30	3.00
M34	7/7/04	2004	3rd Quarter	129.40	3.00
M34	7/7/04	2004	3rd Quarter	129.40	3.00
A68	9/1/04	2004	3rd Quarter	31.00	2.00



M34	9/1/04	2004	3rd Quarter	35.17	4.00
M34	10/14/04	2004	4th Quarter	55.00	3.50
A68	11/10/04	2004	4th Quarter	42.44	2.00
M34	11/10/04	2004	4th Quarter	47.10	6.00
A68	5/4/05	2005	2nd Quarter	86.00	3.38
A68	5/4/05	2005	2nd Quarter	85.00	4.00
M34	5/4/05	2005	2nd Quarter	51.00	7.00
M34	5/4/05	2005	2nd Quarter	51.00	5.30
A68	7/6/05	2005	3rd Quarter	365.00	4.00
CC48	7/6/05	2005	3rd Quarter	77.00	10.00
M34	7/6/05	2005	3rd Quarter	392.00	2.00
A68	9/15/05	2005	3rd Quarter	41.00	2.00
CC48	9/15/05	2005	3rd Quarter	17.00	19.00
M34	9/15/05	2005	3rd Quarter	45.00	4.00
A68	10/13/05	2005	4th Quarter	109.00	1.20
CC48	10/13/05	2005	4th Quarter	22.00	35.20
A68	11/2/05	2005	4th Quarter	64.00	2.00
CC48	11/2/05	2005	4th Quarter	20.00	14.70
M34	11/2/05	2005	4th Quarter	52.00	6.00
CC48	12/20/05	2005	4th Quarter	13.00	16.70
A68	1/6/06	2006	1st Quarter	29.00	2.00
CC48	1/6/06	2006	1st Quarter	13.00	20.00
CC48	1/6/06	2006	1st Quarter	13.00	13.90
M34	1/6/06	2006	1st Quarter	21.00	6.00
CC48	2/8/06	2006	1st Quarter	12.00	14.90
A68	3/15/06	2006	1st Quarter	44.00	2.00
CC48	3/15/06	2006	1st Quarter	16.00	20.00
M34	3/15/06	2006	1st Quarter	19.00	10.00
A68	5/10/06	2006	2nd Quarter	170.00	3.00
CC48	5/10/06	2006	2nd Quarter	59.00	13.00
M34	5/10/06	2006	2nd Quarter	100.00	5.00
CC48	6/6/06	2006	2nd Quarter	142.00	15.80
A68	7/12/06	2006	3rd Quarter	171.00	2.00
CC48	7/12/06	2006	3rd Quarter	33.00	15.00
CC48	7/12/06	2006	3rd Quarter	33.00	15.10
M34	7/12/06	2006	3rd Quarter	120.00	4.00
A68	9/6/06	2006	3rd Quarter	73.00	2.00
CC48	9/6/06	2006	3rd Quarter	20.00	15.00
M34	9/6/06	2006	3rd Quarter	49.00	4.00
A68	11/1/06	2006	4th Quarter	90.00	2.00
CC48	11/1/06	2006	4th Quarter	38.00	13.00
M34	11/1/06	2006	4th Quarter	71.00	5.00
A68	3/7/07	2007	1st Quarter	22.00	2.00
CC48	3/7/07	2007	1st Quarter	14.00	17.00
M34	3/7/07	2007	1st Quarter	22.00	7.00
A68	5/11/07	2007	2nd Quarter	339.00	6.00
CC48	5/11/07	2007	2nd Quarter	119.00	22.00
M34	5/11/07	2007	2nd Quarter	228.00	8.00
A68	6/14/07	2007	2nd Quarter	489.00	3.40
A68	7/11/07	2007	3rd Quarter	177.00	2.00
CC48	7/11/07	2007	3rd Quarter	37.00	11.00

<b>M34</b>	7/11/07	2007	3rd Quarter	138.00	3.00
<b>M34</b>	9/5/07	2007	3rd Quarter	61.00	5.00
CC48	11/7/07	2007	4th Quarter	20.00	15.00
<b>A68</b>	3/12/08	2008	1st Quarter	80.00	2.00
CC48	3/12/08	2008	1st Quarter	13.00	14.00
<b>M34</b>	3/12/08	2008	1st Quarter	80.00	6.00
<b>A68</b>	7/9/08	2008	3rd Quarter	393.00	3.00
CC48	7/9/08	2008	3rd Quarter	93.00	11.00
<b>M34</b>	7/9/08	2008	3rd Quarter	260.80	2.00
<b>A68</b>	9/3/08	2008	3rd Quarter	69.00	3.00
<b>A68</b>	9/3/08	2008	3rd Quarter	69.00	6.30
CC48	9/3/08	2008	3rd Quarter	20.00	34.70
<b>M34</b>	9/3/08	2008	3rd Quarter	86.00	3.00
CC48	3/3/09	2009	1st Quarter	14.00	13.00
<b>M34</b>	3/3/09	2009	1st Quarter	25.00	5.00
A68	5/13/09	2009	2nd Quarter	562.00	75.80
A68	5/13/09	2009	2nd Quarter	562.00	120.00
CC48	5/13/09	2009	2nd Quarter	308.00	56.00
CC48	5/13/09	2009	2nd Quarter	308.00	64.00
<b>M34</b>	5/13/09	2009	2nd Quarter	636.00	30.00
A68	5/19/09	2009	2nd Quarter	508.00	52.30
CC48	5/19/09	2009	2nd Quarter	265.00	18.00
<b>M34</b>	5/19/09	2009	2nd Quarter	416.00	15.60
A68	6/16/09	2009	2nd Quarter	272.00	2.50
CC48	6/16/09	2009	2nd Quarter	61.00	11.10
<b>M34</b>	6/16/09	2009	2nd Quarter	212.00	3.10
A68	7/8/09	2009	3rd Quarter	318.00	2.00
CC48	7/8/09	2009	3rd Quarter	40.00	11.00
<b>M34</b>	7/8/09	2009	3rd Quarter	187.00	3.00
CC48	7/14/09	2009	3rd Quarter	32.00	14.00
<b>M34</b>	7/14/09	2009	3rd Quarter	119.00	2.90
A68	8/18/09	2009	3rd Quarter	43.00	1.40
CC48	8/18/09	2009	3rd Quarter	16.00	15.40
<b>M34</b>	8/18/09	2009	3rd Quarter	41.00	3.20
A68	9/16/09	2009	3rd Quarter	73.00	8.00
CC48	9/16/09	2009	3rd Quarter	17.00	21.00
CC48	9/16/09	2009	3rd Quarter	17.00	28.70
<b>M34</b>	9/16/09	2009	3rd Quarter	30.00	7.00
A68	9/22/09	2009	3rd Quarter	42.00	2.00
CC48	9/22/09	2009	3rd Quarter	16.00	17.30
<b>M34</b>	9/22/09	2009	3rd Quarter	53.00	5.20
A68	11/4/09	2009	4th Quarter	25.68	1.00
CC48	11/4/09	2009	4th Quarter	15.00	14.00
<b>M34</b>	11/4/09	2009	4th Quarter	30.00	5.00
A68	11/17/09	2009	4th Quarter	28.25	1.90
CC48	11/17/09	2009	4th Quarter	14.00	18.60
<b>M34</b>	3/3/10	2010	1st Quarter	25.00	5.00
A68	3/17/10	2010	1st Quarter	18.95	2.40

CC48	3/17/10	2010	1st Quarter	13.70	17.00
CC48	4/13/10	2010	2nd Quarter	31.00	18.70
A68	5/5/10	2010	2nd Quarter	131.10	3.00
A68	5/5/10	2010	2nd Quarter	131.10	3.80
CC48	5/5/10	2010	2nd Quarter	70.00	13.00
CC48	5/5/10	2010	2nd Quarter	70.00	15.50
<b>M34</b>	5/5/10	2010	2nd Quarter	130.00	8.00
A68	6/2/10	2010	2nd Quarter	517.00	15.30
CC48	6/2/10	2010	2nd Quarter	161.00	24.10
A68	7/8/10	2010	3rd Quarter	125.00	2.00
A68	7/8/10	2010	3rd Quarter	125.00	5.40
CC48	7/8/10	2010	3rd Quarter	26.00	18.00
CC48	7/8/10	2010	3rd Quarter	26.00	31.00
<b>M34</b>	7/8/10	2010	3rd Quarter	109.00	4.00
A68	7/13/10	2010	3rd Quarter	81.00	1.50
CC48	7/13/10	2010	3rd Quarter	21.00	19.60
A68	9/9/10	2010	3rd Quarter	73.00	3.00
CC48	9/9/10	2010	3rd Quarter	17.00	22.00
CC48	9/9/10	2010	3rd Quarter	17.00	19.70
A68	9/14/10	2010	3rd Quarter	44.00	2.20
CC48	9/14/10	2010	3rd Quarter	15.00	18.00
A68	11/2/10	2010	4th Quarter	36.00	1.70
CC48	11/2/10	2010	4th Quarter	15.00	17.40
CC48	11/3/10	2010	4th Quarter	14.00	20.00
CC48	11/3/10	2010	4th Quarter	14.00	17.90
<b>M34</b>	11/3/10	2010	4th Quarter	38.00	8.00
A68	3/9/11	2011	1st Quarter	42.00	4.00
CC48	3/9/11	2011	1st Quarter	12.00	16.00
A68	3/15/11	2011	1st Quarter	23.00	5.40
CC48	3/15/11	2011	1st Quarter	12.00	17.80
A68	5/4/11	2011	2nd Quarter	35.00	4.00
CC48	5/4/11	2011	2nd Quarter	19.00	15.00
<b>M34</b>	5/4/11	2011	2nd Quarter	43.00	9.00
A68	6/14/11	2011	2nd Quarter	666.00	19.60
CC48	6/14/11	2011	2nd Quarter	282.00	22.10
<b>M34</b>	6/14/11	2011	2nd Quarter	515.00	45.70
A68	7/19/11	2011	3rd Quarter	339.00	4.90
CC48	7/19/11	2011	3rd Quarter	68.00	14.80
<b>M34</b>	7/19/11	2011	3rd Quarter	266.00	3.50
A68	8/16/11	2011	3rd Quarter	67.00	1.70
CC48	8/16/11	2011	3rd Quarter	21.00	20.00
<b>M34</b>	8/16/11	2011	3rd Quarter	66.00	3.90
A68	9/7/11	2011	3rd Quarter	51.00	2.00

CC48	9/7/11	2011	3rd Quarter	18.00	21.00
<b>M34</b>	9/7/11	2011	3rd Quarter	48.00	4.00
A68	9/13/11	2011	3rd Quarter	40.00	1.70
CC48	9/13/11	2011	3rd Quarter	18.00	21.00
<b>M34</b>	9/13/11	2011	3rd Quarter	37.00	4.10
A68	10/18/11	2011	4th Quarter	46.00	1.70
CC48	10/18/11	2011	4th Quarter	19.00	20.50
<b>M34</b>	10/18/11	2011	4th Quarter	50.00	4.70
A68	11/2/11	2011	4th Quarter	96.00	2.00
CC48	11/2/11	2011	4th Quarter	17.00	20.00
<b>M34</b>	11/2/11	2011	4th Quarter	35.00	7.00
CC48	5/15/12	2012	2nd Quarter	68.00	11.90
<b>M34</b>	5/15/12	2012	2nd Quarter	194.00	3.16
CC48	10/2/12	2012	4th Quarter	14.00	13.50
<b>M34</b>	10/2/12	2012	4th Quarter	30.00	2.40
CC48	5/14/13	2013	2nd Quarter	123.00	30.30
<b>M34</b>	5/15/13	2013	2nd Quarter	185.00	12.20







Row Labels	Sum of Load (lbs/day)
A68	3972.52
1991	84.93
3rd Quarter	84.93
1992	229.61
2nd Quarter	110.12
3rd Quarter	119.48
1993	1526.84
2nd Quarter	1526.84
1996	0.42
4th Quarter	0.42
1997	744.10
2nd Quarter	542.77
3rd Quarter	170.29
4th Quarter	31.04
1998	292.82
1st Quarter	6.54
2nd Quarter	284.18
3rd Quarter	2.10
1999	84.47
2nd Quarter	84.47
2000	36.96
1st Quarter	0.34
2nd Quarter	24.77
3rd Quarter	11.86
2003	3.70
3rd Quarter	3.70
2004	27.28
1st Quarter	1.78
2nd Quarter	21.97
3rd Quarter	3.07
4th Quarter	0.46
2005	13.11
2nd Quarter	3.40
3rd Quarter	8.32
4th Quarter	1.40
2006	7.14
1st Quarter	0.79
2nd Quarter	2.75
3rd Quarter	2.63

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4th Quarter	0.97
2007	22.09
1st Quarter	0.24
2nd Quarter	19.94
3rd Quarter	1.91
2008	10.68
1st Quarter	0.86
3rd Quarter	9.82
2009	748.29
2nd Quarter	740.50
3rd Quarter	7.36
4th Quarter	0.43
2010	55.40
1st Quarter	0.25
2nd Quarter	47.47
3rd Quarter	7.35
4th Quarter	0.33
2011	84.69
1st Quarter	1.58
2nd Quarter	71.16
3rd Quarter	10.49
4th Quarter	1.46
CC48	673.28
1994	0.97
4th Quarter	0.97
1995	21.03
1st Quarter	6.66
2nd Quarter	5.21
3rd Quarter	7.98
4th Quarter	1.18
1996	0.72
1st Quarter	0.72
1997	7.37
3rd Quarter	3.88
4th Quarter	3.49
1998	105.26
1st Quarter	4.05
2nd Quarter	84.41
3rd Quarter	15.00
4th Quarter	1.81
1999	40.88
1st Quarter	4.79
2nd Quarter	27.37
3rd Quarter	4.38
4th Quarter	4.33
2000	3.19
1st Quarter	0.88
4th Quarter	2.32
2002	4.45
2nd Quarter	0.40
3rd Quarter	1.91
4th Quarter	2.14
2003	37.68


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1st Quarter	1.75
2nd Quarter	34.34
4th Quarter	1.58
2004	0.81
2nd Quarter	0.81
2005	12.83
3rd Quarter	5.90
4th Quarter	6.93
2006	30.95
1st Quarter	5.07
2nd Quarter	16.24
3rd Quarter	6.98
4th Quarter	2.66
2007	19.22
1st Quarter	1.28
2nd Quarter	14.12
3rd Quarter	2.20
4th Quarter	1.62
2008	10.24
1st Quarter	0.98
3rd Quarter	9.26
2009	244.42
1st Quarter	0.98
2nd Quarter	228.73
3rd Quarter	12.17
4th Quarter	2.54
2010	54.71
1st Quarter	1.26
2nd Quarter	34.82
3rd Quarter	14.37
4th Quarter	4.27
2011	53.05
1st Quarter	2.19
2nd Quarter	35.15
3rd Quarter	11.77
4th Quarter	3.93
2012	5.38
2nd Quarter	4.36
4th Quarter	1.02
2013	20.10
2nd Quarter	20.10
M34	2608.10
1991	25.77
3rd Quarter	25.66
4th Quarter	0.11
1992	86.51
1st Quarter	0.29
2nd Quarter	53.77
3rd Quarter	29.18
4th Quarter	3.28
1993	192.57
1st Quarter	2.13
2nd Quarter	176.49

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3rd Quarter	13.28
4th Quarter	0.65
1994	5.93
1st Quarter	0.22
4th Quarter	5.71
1995	421.98
1st Quarter	0.38
2nd Quarter	318.94
3rd Quarter	97.02
4th Quarter	5.65
1996	144.99
1st Quarter	4.20
2nd Quarter	112.15
3rd Quarter	18.30
4th Quarter	10.34
1997	933.44
1st Quarter	26.11
2nd Quarter	509.60
3rd Quarter	356.15
4th Quarter	41.58
1998	373.67
1st Quarter	14.35
2nd Quarter	279.79
3rd Quarter	77.59
4th Quarter	1.94
1999	4.74
1st Quarter	2.52
2nd Quarter	2.21
2000	24.09
1st Quarter	1.49
2nd Quarter	17.75
3rd Quarter	4.85
2003	5.97
2nd Quarter	2.50
3rd Quarter	3.47
2004	29.68
1st Quarter	2.16
2nd Quarter	20.01
3rd Quarter	4.95
4th Quarter	2.56
2005	10.27
2nd Quarter	3.38
3rd Quarter	5.20
4th Quarter	1.68
2006	9.96
1st Quarter	1.70
2nd Quarter	2.70
3rd Quarter	3.65
4th Quarter	1.91
2007	14.55
1st Quarter	0.83
2nd Quarter	9.84
3rd Quarter	3.88

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2008	6.79
1st Quarter	2.59
3rd Quarter	4.20
2009	151.16
1st Quarter	0.67
2nd Quarter	141.46
3rd Quarter	8.21
4th Quarter	0.81
2010	10.28
1st Quarter	0.67
2nd Quarter	5.61
3rd Quarter	2.35
4th Quarter	1.64
2011	139.89
2nd Quarter	129.03
3rd Quarter	8.26
4th Quarter	2.59
2012	3.69
2nd Quarter	3.31
4th Quarter	0.39
2013	12.17
2nd Quarter	12.17
Grand Total	7253.90

[illegible][illegible]

Row Labels	Sum of Load (lbs/day)
A72	6435.60
1991	
3rd Quarter	93.06
1992	
2nd Quarter	61.81
4th Quarter	5.02
1993	
3rd Quarter	23.89

Year & Quarte	M34	CC48
		Quarterly Total
		lbs/day
1991 Q1		
1991 Q2		
1991 Q3	25.66	
1991 Q4	0.11	
1992 Q1	0.29	
1992 Q2	53.77	
1992 Q3	29.18	
1992 Q4	3.28	

1996	
1st Quarter	22.38
2nd Quarter	19.82
4th Quarter	19.13
1997	
1st Quarter	50.86
2nd Quarter	1315.15
3rd Quarter	498.06
4th Quarter	88.83
1998	
1st Quarter	20.47
2nd Quarter	746.61
3rd Quarter	194.31
1999	
2nd Quarter	353.14
2003	
2nd Quarter	7.88
3rd Quarter	19.30
2004	
2nd Quarter	64.93
3rd Quarter	32.78
4th Quarter	11.09
2005	
2nd Quarter	18.43
3rd Quarter	26.90
4th Quarter	14.41
2006	
2nd Quarter	17.71
3rd Quarter	10.93
4th Quarter	4.50
2007	
2nd Quarter	4.12
3rd Quarter	12.00
4th Quarter	2.57
2008	
3rd Quarter	27.17
2009	
2nd Quarter	2095.11
3rd Quarter	47.44
4th Quarter	4.64
2010	
1st Quarter	1.84
2nd Quarter	115.76
3rd Quarter	25.29
4th Quarter	10.92
2011	
1st Quarter	4.02
2nd Quarter	221.08
3rd Quarter	38.30
4th Quarter	7.04
2012	
2nd Quarter	12.32
4th Quarter	1.90

1993 Q1	2.13	
1993 Q1	176.49	
1993 Q3	13.28	
1993 Q4	0.65	
1994 Q1	0.22	
1994 Q2		
1994 Q3		
1994 Q4	5.71	0.97
1995 Q1	0.38	6.66
1995 Q2	318.94	5.21
1995 Q3	97.02	7.98
1995 Q4	5.65	1.18
1996 Q1	4.20	0.72
1996 Q2	112.15	
1996 Q3	18.30	
1996 Q4	10.34	
1997 Q1	26.11	
1997 Q2	509.60	
1997 Q3	356.15	3.88
1997 Q4	41.58	3.49
1998 Q1	14.35	4.05
1998 Q2	279.79	84.41
1998 Q3	77.59	15.00
1998 Q4	1.94	1.81
1999 Q1	2.52	4.79
1999 Q2	2.21	27.37
1999 Q3		4.38
1999 Q4		4.33
2000 Q1	1.49	0.88
2000 Q2	17.75	
2000 Q3	4.85	
2000 Q4		2.32
2001 Q1		
2001 Q2		
2001 Q3		
2002 Q1		
2002 Q2		0.40
2002 Q3		1.91
2002 Q4		2.14
2003 Q1		1.75
2003 Q2	2.50	34.34
2003 Q3	3.47	
2003 Q4		1.58
2004 Q1	2.16	#REF!
2004 Q2	20.01	0.81
2004 Q3	4.95	
2004 Q4	2.56	
2005 Q2	3.38	
2005 Q3	5.20	5.90
2005 Q4	1.68	6.93
2006 Q1	1.70	5.07
2006 Q2	2.70	16.24
2006 Q3	3.65	6.98

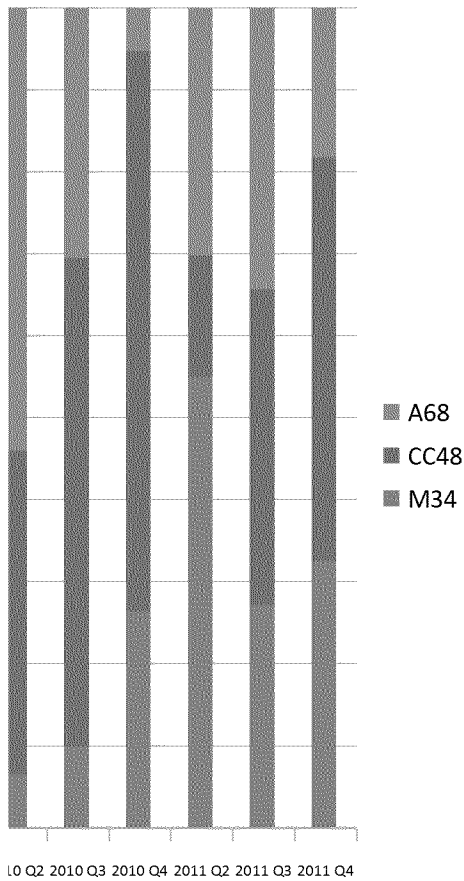
2006 Q4	1.91	2.66
2007 Q1	0.83	1.28
2007 Q2	9.84	14.12
2007 Q3	3.88	2.20
2007 Q4	#REF!	1.62
2008 Q1	2.59	0.98
2008 Q2		
2008 Q3	4.20	9.26
2008 Q4		
2009 Q1	0.67	0.98
2009 Q2	141.46	228.73
2009 Q3	8.21	12.17
2009 Q4	0.81	2.54
2010 Q1	0.67	1.26
2010 Q2	5.61	34.82
2010 Q3	2.35	14.37
2010 Q4	1.64	4.27
2011 Q1		2.19
2011 Q2	129.03	35.15
2011 Q3	8.26	11.77
2011 Q4	2.59	3.93
2012 Q2	3.31	4.36
2012 Q4	0.39	1.02
2013 Q2	12.17	20.10

[illegible]

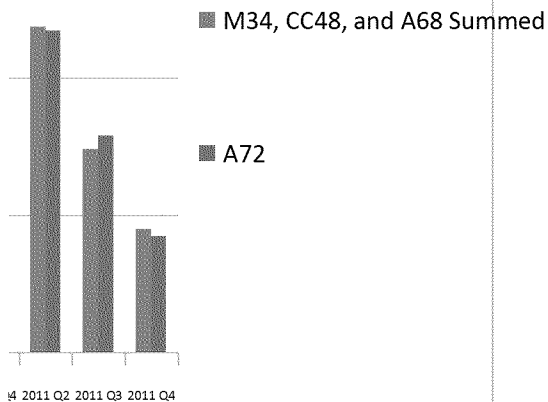
2011 Q4	2.59	3.93	1.46	7.04	
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## ntage



## o A72



Year & Quarter	M34	CC48
		Quarterly Total
		lbs/day
1997 Q3	356.15	3.88
1997 Q4	41.58	3.49
1998 Q1	14.35	4.05
1998 Q2	279.79	84.41
1998 Q3	77.59	15.00
1999 Q2	2.21	27.37
2004 Q2	20.01	0.81
2005 Q3	5.20	5.90
2005 Q4	1.68	6.93
2006 Q2	2.70	16.24
2006 Q3	3.65	6.98
2006 Q4	1.91	2.66
2007 Q2	9.84	14.12
2007 Q3	3.88	2.20
2008 Q3	4.20	9.26
2009 Q2	141.46	228.73
2009 Q3	8.21	12.17
2009 Q4	0.81	2.54
2010 Q1	0.67	1.26
2010 Q2	5.61	34.82
2010 Q3	2.35	14.37
2010 Q4	1.64	4.27
2011 Q2	129.03	35.15
2011 Q3	8.26	11.77
2011 Q4	2.59	3.93

Lead Totals and Loads for A68, CC48, and M34

Load (lbs/day)	Location	Date	Year
1.98	A72	09/05/91	1991
2.38	A72	09/06/91	1991
13.22	A72	09/07/91	1991
9.12	A72	09/09/91	1991
52.62	A72	09/10/91	1991
7.64	A72	6/24/92	1992
3.02	A72	10/14/92	1992
17.11	A72	10/15/92	1992
3.50	A72	7/20/93	1993
0.11	A72	07/21/93	1993
0.08	A72	01/16/96	1996
0.09	A72	1/16/96	1996
0.11	A72	4/9/96	1996
1.71	A72	10/01/96	1996
3.45	A72	11/19/96	1996
1.02	A72	1/8/97	1997
1.09	A72	01/31/97	1997
12.12	A72	2/26/97	1997
1.65	A72	03/26/97	1997
1.66	A72	4/28/97	1997
1.04	A72	05/13/97	1997
1.49	A72	5/20/97	1997
1.86	A72	05/28/97	1997
2.19	A72	6/4/97	1997
10.22	A72	06/12/97	1997
37.46	A72	6/16/97	1997
14.27	A72	6/25/97	1997
72.66	A72	7/1/97	1997
0.82	A72	07/14/97	1997
0.57	A72	08/13/97	1997
0.96	A72	09/25/97	1997
0.48	A72	10/22/97	1997
114.50	A72	11/25/97	1997
18.96	A72	12/23/97	1997
7.11	A72	02/13/98	1998
0.29	A72	3/16/98	1998
4.98	A72	04/23/98	1998
0.17	A72	5/5/98	1998
1.61	A72	05/29/98	1998
1.24	A72	6/2/98	1998
0.16	A72	06/10/98	1998
0.11	A72	6/25/98	1998
0.09	A72	7/9/98	1998
0.09	A72	07/22/98	1998

0.13	A72	9/2/1998	1998
1.82	A72	09/30/98	1998
20.83	A72	6/23/1999	1999
0.16	A72	5/7/03	2003
28.91	A72	7/2/03	2003
2.55	A72	9/11/03	2003
6.64	A72	5/5/04	2004
41.22	A72	5/5/04	2004
30.62	A72	7/7/04	2004
7.85	A72	7/7/04	2004
54.83	A72	9/1/04	2004
1.36	A72	10/14/04	2004
267.78	A72	11/10/04	2004
44.35	A72	11/10/04	2004
236.24	A72	4/9/05	2005
1.15	A72	5/4/05	2005
675.12	A72	5/4/05	2005
108.46	A72	7/6/05	2005
171.30	A72	8/10/05	2005
3.98	A72	9/14/05	2005
1.41	A72	9/15/05	2005
4.72	A72	10/13/05	2005
0.99	A72	11/2/05	2005
4.72	A72	11/2/05	2005
0.76	A72	12/20/05	2005
0.36	A72	4/5/06	2006
0.33	A72	05/10/2006	2006
0.23	A72	7/12/06	2006
0.22	A72	9/6/06	2006
0.20	A72	11/1/06	2006
0.22	A72	5/11/07	2007
1.43	A72	07/11/2007	2007
2.33	A72	9/5/07	2007
1.19	A72	11/7/07	2007
0.97	A72	7/9/08	2008
0.77	A72	9/3/08	2008
0.80	A72	9/3/08	2008
0.38	A72	5/13/09	2009
3.20	A72	5/13/09	2009
1.08	A72	5/18/09	2009
1.58	A72	6/16/09	2009
0.44	A72	7/8/09	2009
1.81	A72	7/14/09	2009
3.40	A72	8/18/09	2009
0.05	A72	9/16/09	2009
0.88	A72	9/16/09	2009
1.27	A72	9/22/09	2009
1.14	A72	11/4/09	2009
1.35	A72	11/17/09	2009
0.94	A72	3/17/10	2010

1.66	A72	4/13/10	2010
17.43	A72	6/2/10	2010
17.78	A72	7/8/10	2010
46.09	A72	7/8/10	2010
207.66	A72	7/13/10	2010
22.26	A72	9/14/10	2010
10.86	A72	11/2/10	2010
47.72	A72	11/3/10	2010
11.65	A72	11/3/10	2010
5.95	A72	3/15/11	2011
10.95	A72	5/4/11	2011
5.61	A72	6/14/11	2011
1.53	A72	7/19/11	2011
2.53	A72	8/16/11	2011
6.45	A72	9/7/11	2011
1.74	A72	9/7/11	2011
1.98	A72	9/13/11	2011
2.33	A72	10/18/11	2011
0.62	A72	11/2/11	2011
0.11	A72	5/15/12	2012
1.33	A72	10/2/12	2012
0.45	A72	5/14/13	2013
0.52			
0.72			
0.67			
1.40			
1.61			
6.88			
4.28			
1.68			
5.34			
19.52			
31.33			
22.61			
3.32			
8.26			
5.15			
2.02			
1.76			
2.73			
4.31			
2.43			
1.76			
0.88			
2.91			
1.15			
2.14			
0.42			
2.17			
2.01			

5.70  
0.47  
4.26  
0.99  
0.60  
4.17  
3.38  
1.25  
2.61  
2.31  
6.54  
0.20  
2.03  
11.12  
2.71  
14.66  
33.98  
137.78  
44.17  
18.42  
5.29  
27.67  
263.28  
121.68  
79.94  
141.71  
75.73  
72.01  
96.31  
78.80  
5.31  
39.16  
73.98  
63.59  
72.01  
33.01  
1.66  
1.97  
14.56

15.21
0.82
3.25
1.40
29.29
1.72
20.27
29.35
0.85
3.58
10.78

6.26
0.92
2.39
1.42
0.84
0.68
4.72
1.74
1.02
6.54
3.14
0.79
4.05
1.02
0.63
4.76
4.87
9.84
25.40
0.59
18.44
68.61
82.29
201.88
100.00
29.12
5.91
31.88
6.32
8.26
48.54
8.24
4.30
41.10
2.42
3.47
19.26
2.34
2.10
1.46
1.65
1.01
7.35
0.64
1.94
1.17
0.91
0.88
2.32
1.62
1.05

1.43
2.62
2.21
84.47
24.75
4.38
1.30
1.02
1.13
0.16
0.73
0.99
1.33
0.18
0.76
0.88
24.77
17.75
0.99
2.05
10.86
2.80
0.40
0.52
0.56
0.83
0.58
0.99
0.57
0.98
0.61
1.75
1.85
2.88
2.50
29.61
1.00
3.70
2.48
0.87
0.90
0.81
1.21
0.95
8.38
13.59
13.34
6.67
2.74
2.09
2.09
0.33

0.76
1.04
0.46
1.52
1.57
1.83
1.93
1.46
7.87
4.15
4.23
0.44
1.74
0.97
0.71
4.18
0.69
1.59
1.68
1.17
0.31
1.40
0.97
0.68
0.96
0.47
1.73
1.02
2.75
4.14
2.70
12.10
1.84
2.67
2.69
2.59
0.79
1.62
1.06
0.97
2.66
1.91
0.24
1.28
0.83
10.97
14.12
9.84
8.97
1.91
2.20



2.23
1.65
1.62
0.86
0.98

2.59

6.36

5.52

2.81

1.12

2.34

3.74

1.39

0.98

0.67

229.77

363.76

93.03

106.32

102.91

143.30

25.73

35.00

3.67

3.65

3.54

3.43

2.37

3.03

2.42

1.86

0.32

1.33

0.71

3.15

1.93

2.63

1.13

0.45

1.49

1.49

0.14

1.13

0.81

0.29

1.40

0.67

0.25

1.26  
3.13  
2.12  
2.69  
4.91  
5.85  
5.61  
42.67  
20.93  
1.35  
3.64  
2.52  
4.35  
2.35  
0.66  
2.22  
1.18  
2.02  
1.81  
0.52  
1.46  
0.33  
1.41  
1.51  
1.35  
1.64  
0.91  
1.04  
0.67  
1.15  
0.76  
1.54  
2.09  
70.41  
33.62  
126.95  
8.96  
5.43  
5.02  
0.61  
2.27  
1.39  
0.55

2.04  
1.04  
0.37  
2.04  
0.82  
0.42  
2.10  
1.27  
1.04  
1.83  
1.32  
4.36  
3.31  
1.02  
0.39  
20.10  
12.17



















A68	
84.93	A72
#REF!	Yearly Total
#REF!	lbs/day
110.12	
119.48	
#REF!	93.06

#REF!	
1526.84	
#REF!	61.81
#REF!	
#REF!	5.02
#REF!	23.89
#REF!	
#REF!	
#REF!	
#REF!	
#REF!	
#REF!	
0.42	
#REF!	
542.77	22.38
170.29	19.82
31.04	
6.54	19.13
284.18	50.86
2.10	1315.15
#REF!	498.06
#REF!	88.83
84.47	20.47
#REF!	746.61
#REF!	194.31
0.34	
24.77	
11.86	353.14
#REF!	
#REF!	
#REF!	
#REF!	
#REF!	
#REF!	
#REF!	
#REF!	
#REF!	
3.70	
#REF!	
1.78	
21.97	
3.07	7.88
0.46	19.30
3.40	
8.32	
1.40	64.93
0.79	32.78
2.75	11.09
2.63	18.43

0.97	26.90
0.24	14.41
19.94	
1.91	17.71
#REF!	10.93
0.86	4.50
#REF!	
9.82	4.12
#REF!	12.00
#REF!	2.57
740.50	
7.36	
0.43	27.17
0.25	
47.47	
7.35	2095.11
0.33	47.44
1.58	4.64
71.16	1.84
10.49	115.76
1.46	25.29
	10.92
	4.02
	221.08
	38.30
	7.04
	12.32
	1.90
	62.68



A68	Summed ("Predicted") Lead Loads of M34, CC48, and A68 for Comparison to A72	A72
		Yearly Total
	lbs/day	lbs/day
170.29	530.33	498.06
31.04	76.11	88.83
6.54	24.94	20.47
284.18	648.37	746.61
2.10	94.70	194.31
84.47	114.05	353.14
21.97	42.80	64.93
8.32	19.41	26.90
1.40	10.01	14.41
2.75	21.69	17.71
2.63	13.25	10.93
0.97	5.55	4.50
19.94	43.90	4.12
1.91	7.98	12.00
9.82	23.29	27.17
740.50	1110.70	2095.11
7.36	27.74	47.44
0.43	3.77	4.64
0.25	2.18	1.84
47.47	87.90	115.76
7.35	24.07	25.29
0.33	6.24	10.92
71.16	235.35	221.08
10.49	30.53	38.30
1.46	7.98	7.04



Quarter	Flow (cfs)	Total (ug/L)	Load (lbs/day)
3rd Quarter	131.0	10.00	7.07
3rd Quarter	185.0	28.00	27.94
3rd Quarter	261.0	25.00	35.19
3rd Quarter	269.0	5.00	7.25
3rd Quarter	263.0	11.00	15.60
2nd Quarter	955.0	12.00	61.81
4th Quarter	80.0	5.50	2.37
4th Quarter	78.0	6.30	2.65
3rd Quarter	434.0	5.00	11.70
3rd Quarter	452.0	5.00	12.19
1st Quarter	68.0	7.00	2.57
1st Quarter	167.0	22.00	19.82
2nd Quarter	167.00	22.00	19.82
4th Quarter	127.0	4.30	2.95
4th Quarter	100.0	30.00	16.18
1st Quarter	55.5	30.00	8.98
1st Quarter	74.0	30.00	11.97
1st Quarter	64.8	30.00	10.49
1st Quarter	120.0	30.00	19.42
2nd Quarter	214.0	30.00	34.63
2nd Quarter	705.0	30.00	114.08
2nd Quarter	1190.0	30.00	192.56
2nd Quarter	547.0	30.00	88.51
2nd Quarter	1620.0	30.40	265.63
2nd Quarter	1230.0	30.00	199.03
2nd Quarter	1250.0	30.00	202.27
2nd Quarter	1350.0	30.00	218.45
3rd Quarter	1350.0	30.00	218.45
3rd Quarter	800.0	30.00	129.45
3rd Quarter	464.0	30.00	75.08
3rd Quarter	464.0	30.00	75.08
4th Quarter	231.0	35.95	44.79
4th Quarter	115.0	48.56	30.12
4th Quarter	86.0	30.00	13.92
1st Quarter	61.3	30.00	9.92
1st Quarter	65.2	30.00	10.55
2nd Quarter	181.0	30.00	29.29
2nd Quarter	459.0	30.00	74.27
2nd Quarter	1220.0	30.00	197.41
2nd Quarter	1190.0	30.00	192.56
2nd Quarter	663.0	30.00	107.28
2nd Quarter	901.0	30.00	145.79
3rd Quarter	691.0	30.00	111.81
3rd Quarter	357.0	30.00	57.77

3rd Quarter	214.0	6.00	6.93
3rd Quarter	110.0	30.00	17.80
2nd Quarter	1920.0	34.10	353.14
2nd Quarter	218.08	6.70	7.88
3rd Quarter	409.8	2.50	5.53
3rd Quarter	297.00	8.60	13.78
2nd Quarter	550.00	16.00	47.47
2nd Quarter	704.00	4.60	17.47
3rd Quarter	439.00	8.20	19.42
3rd Quarter	350.0	6.00	11.33
3rd Quarter	63.00	6.00	2.04
4th Quarter	148.00	4.20	3.35
4th Quarter	120.00	5.50	3.56
4th Quarter	129.00	6.00	4.17
2nd Quarter	115.00	9.76	6.06
2nd Quarter	181.00	5.67	5.54
2nd Quarter	181.00	7.00	6.83
3rd Quarter	779.00	4.00	16.81
3rd Quarter	286.00	3.00	4.63
3rd Quarter	131.00	3.00	2.12
3rd Quarter	124.00	5.00	3.34
4th Quarter	216.00	3.00	3.50
4th Quarter	131.00	3.40	2.40
4th Quarter	131.00	5.00	3.53
4th Quarter	66.0	14	4.98
2nd Quarter	114.00	10.80	6.64
2nd Quarter	342.0	6	11.07
3rd Quarter	334.00	4.00	7.21
3rd Quarter	138.00	5.00	3.72
4th Quarter	167.00	5.00	4.50
2nd Quarter	763.00	1.00	4.12
3rd Quarter	371.0	4	8.00
3rd Quarter	148.00	5.00	3.99
4th Quarter	119.00	4.00	2.57
3rd Quarter	780.00	3.00	12.62
3rd Quarter	181.00	4.00	3.91
3rd Quarter	181.00	10.90	10.64
2nd Quarter	2090.00	57.60	649.32
2nd Quarter	1490	64	514.35
2nd Quarter	1710	99.8	920.49
2nd Quarter	615	3.3	10.95
3rd Quarter	548.00	4.00	11.82
3rd Quarter	407	4	8.78
3rd Quarter	104	4.5	2.52
3rd Quarter	116.00	13.00	8.13
3rd Quarter	116.00	19.70	12.33
3rd Quarter	123	5.8	3.85
4th Quarter	73.00	6.00	2.36
4th Quarter	68	6.2	2.27
1st Quarter	51.6	6.6	1.84



[illegible]





























































































































































































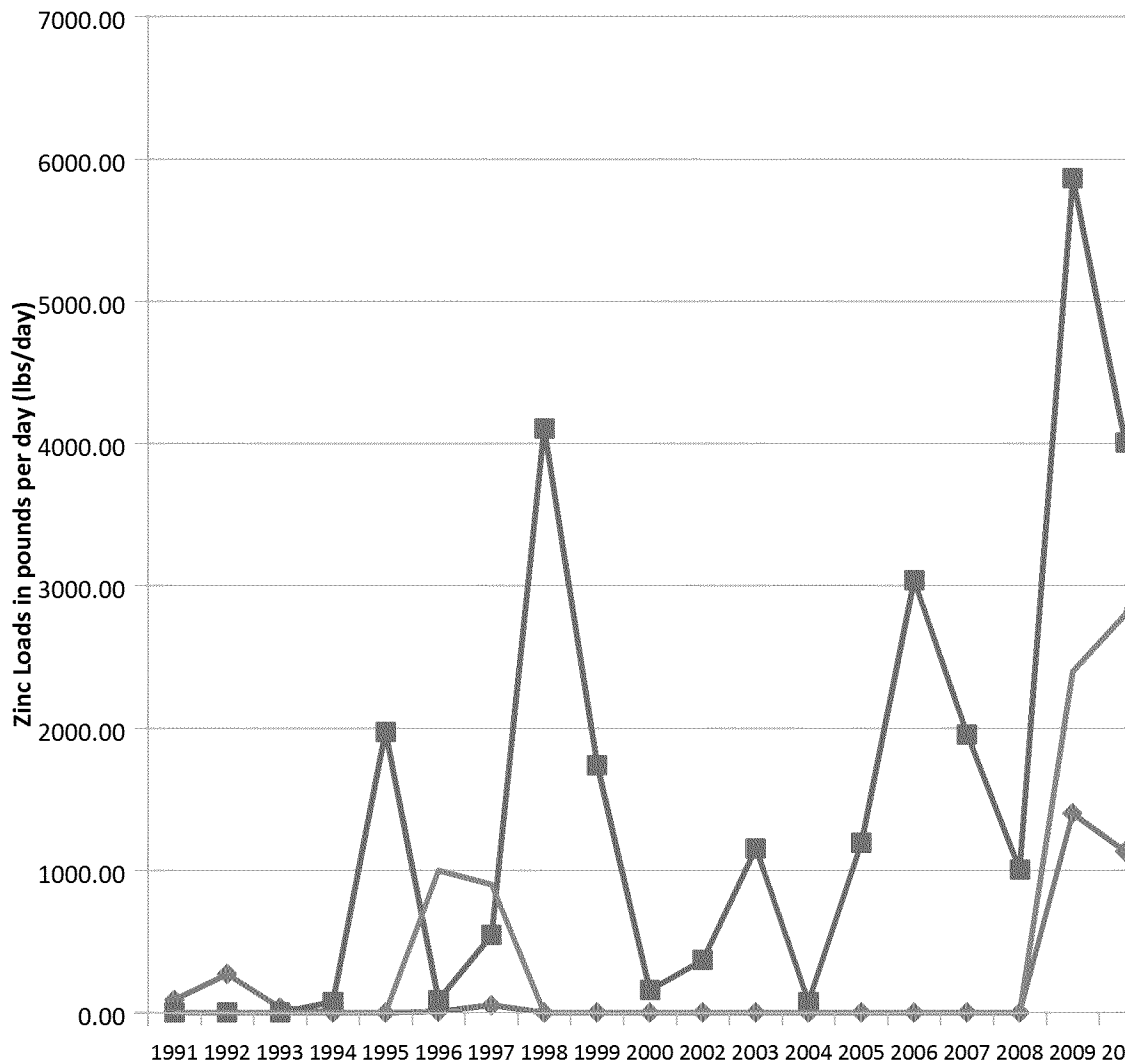








## CC48 Zinc Load impact from CC18 and



Year	CC17	CC18	Sum of CC17 and CC18	CC48	Percentage
			Yearly Total	Yearly Total	
	lbs/day	lbs/day	lbs/day	lbs/day	%
1991	47.57	41.42	89.00	0.00	0.00
1992	18.01	253.84	271.85	0.00	0.00
1993	0.00	34.46	34.46	0.00	0.00
1994	0.00	0.00	0.00	75.65	0.00
1995	0.00	0.00	0.00	1974.82	0.00
1996	8.66	0.00	8.66	88.84	10.00
1997	51.89	0.00	51.89	546.21	9.00
1998	0.00	0.00	0.00	4107.57	0.00

1999	0.00	0.00	0.00	1740.97	0.00
2000	0.00	0.00	0.00	158.64	0.00
2002	0.00	0.00	0.00	370.47	0.00
2003	0.00	0.00	0.00	1156.12	0.00
2004	0.00	0.00	0.00	75.15	0.00
2005	0.00	0.00	0.00	1195.51	0.00
2006	0.00	0.00	0.00	3039.52	0.00
2007	0.00	0.00	0.00	1955.89	0.00
2008	0.00	0.00	0.00	1005.37	0.00
2009	0.00	1400.10	1400.10	5867.84	24.00
2010	0.00	1133.66	1133.66	4006.85	28.00
2011	0.00	1181.78	1181.78	2927.59	40.00
2012	35.55	344.42	379.97	585.76	65.00
2013	46.21	410.80	457.01	782.85	58.00

Year	CC18 and CC17	CC48	Percentage	Percentage
	Yearly Total	Yearly Total		
	lbs/day	lbs/day	%	%

1991	89	0	0	0
1992	271.85	0	0	0
1993	34.46	0	0	0
1996	8.66	0	0	0
1997	51.89	0	0	0
1998	0	55.11	0	0
1999	0	536.32	0	0
2005	0	3392.15	0	0
2006	0	3052.38	0	0
2007	0	1955.89	0	0
2008	0	1485.72	0	0
2009	1400.1	5441.7	0.25729	26
2010	1133.66	3423.52	0.33114	33
2011	1181.78	2837.89	0.41643	42
2012	379.97	533.82	0.71179	71
2013	457.01	579.18	0.78906	79

Location	Date	Year	Flow	Zinc (total)	Zinc Load
CC17	9/7/91	1991	6.30	1400.00	47.57
CC17	10/14/92	1992	2.30	710.00	8.81
CC17	2/13/92	1992	1.61	1060.00	9.20
CC17	10/1/96	1996	2.27	707.10	8.66
CC17	2/25/97	1997	1.15	1171.00	7.26
CC17	6/25/97	1997	31.70	261.00	44.63
CC17	5/15/12	2012	19.28	257.00	26.73
CC17	10/3/12	2012	2.87	570.00	8.82
CC17	5/14/13	2013	17.78	482.00	46.21
CC18	9/7/91	1991	2.40	3200.00	41.42
CC18	1/31/92	1992	0.19	5640.00	5.66
CC18	2/3/92	1992	0.19	5610.00	5.63
CC18	3/2/92	1992	1.27	3920.00	26.83
CC18	4/27/92	1992	5.91	6160.00	196.36
CC18	12/9/92	1992	0.79	4550.00	19.36
CC18	2/12/93	1993	1.38	4640.00	34.46
CC18	5/19/09	2009	48.79	1710.00	450.02
CC18	6/16/09	2009	12.30	3410.00	226.23
CC18	7/14/09	2009	5.94	5610.00	179.87
CC18	8/18/09	2009	2.29	12300.00	151.89
CC18	9/22/09	2009	3.66	10800.00	213.32
CC18	11/17/09	2009	2.67	12400.00	178.77
CC18	2/17/10	2010	1.77	12300.00	117.62
CC18	3/17/10	2010	1.99	12400.00	133.28
CC18	4/13/10	2010	3.76	8710.00	176.58
CC18	6/2/10	2010	29.41	2000.00	317.24

CC18	7/13/10	2010	3.59	5890.00	114.14
CC18	9/14/10	2010	2.31	11200.00	139.27
CC18	11/2/10	2010	2.42	10400.00	135.55
CC18	3/15/11	2011	1.63	11300.00	99.13
CC18	6/14/11	2011	46.17	1520.00	378.56
CC18	7/19/11	2011	14.32	2920.00	225.60
CC18	8/16/11	2011	3.52	8360.00	158.93
CC18	9/13/11	2011	2.68	9620.00	138.86
CC18	10/18/11	2011	3.59	9330.00	180.71
CC18	5/15/12	2012	11.44	3280.00	202.39
CC18	10/3/12	2012	2.27	11600.00	142.03
CC18	5/14/13	2013	32.27	2360.00	410.80
CC48	12/13/94	1994	15	935	75.65
CC48	1/18/95	1995	15	840	67.96
CC48	2/15/95	1995	17	1140	104.53
CC48	3/1/95	1995	21	1241	140.57
CC48	3/15/95	1995	24	1418	183.56
CC48	4/6/95	1995	27	1570	228.64
CC48	4/12/95	1995	24	1660	214.89
CC48	4/19/95	1995	23	1331	165.12
CC48	5/3/95	1995	24	1420	183.82
CC48	5/10/95	1995	23	1310	162.51
CC48	8/16/95	1995	40	801	172.82
CC48	9/13/95	1995	25	918	123.79
CC48	10/11/95	1995	18	884	85.83
CC48	11/15/95	1995	17	865	79.32
CC48	12/13/95	1995	14	814	61.47
CC48	1/17/96	1996	15	1098	88.84
CC48	8/13/97	1997	33.00	728.00	129.58
CC48	9/11/97	1997	16.00	661.00	57.04
CC48	9/17/97	1997	21.00	674.00	76.34
CC48	10/15/97	1997	38.00	824.00	168.89
CC48	11/12/97	1997	16.00	696.00	60.07
CC48	12/17/97	1997	15.00	671.00	54.29
CC48	1/14/98	1998	14.00	613.00	46.29
CC48	2/11/98	1998	14.00	639.00	48.25
CC48	3/4/98	1998	13.00	705.00	49.43
CC48	3/18/98	1998	13.00	728.00	51.05
CC48	4/1/98	1998	16.00	776.00	66.97
CC48	4/15/98	1998	16.00	782.00	67.49
CC48	4/29/98	1998	43.00	713.00	165.37
CC48	5/5/98	1998	80.00	1078.00	465.16
CC48	5/13/98	1998	81.00	1003.00	438.21
CC48	6/3/98	1998	183.00	631.00	622.83
CC48	6/10/98	1998	85.00	817.00	374.57
CC48	6/17/98	1998	93.00	777.00	389.76

CC48	6/24/98	1998	116.00	544.00	340.37
CC48	7/8/98	1998	84.00	577.00	261.43
CC48	7/15/98	1998	54.00	667.00	194.27
CC48	7/22/98	1998	40.00	815.00	175.84
CC48	8/26/98	1998	20.00	704.00	75.94
CC48	9/2/98	1998	18.00	601.00	58.35
CC48	9/16/98	1998	18.00	646.00	62.72
CC48	10/14/98	1998	18.00	711.00	69.03
CC48	11/18/98	1998	20.00	781.00	84.25
CC48	1/13/99	1999	15.00	716.00	57.93
CC48	2/24/99	1999	14.00	671.00	50.67
CC48	3/17/99	1999	14.00	705.00	53.24
CC48	4/1/99	1999	23.00	1677.00	208.04
CC48	4/21/99	1999	38.00	846.00	173.40
CC48	6/23/99	1999	192.00	584.90	605.72
CC48	9/13/99	1999	27.00	1700.80	247.69
CC48	10/14/99	1999	18.00	1685.30	163.62
CC48	11/17/99	1999	14.00	1833.80	138.48
CC48	12/15/99	1999	13.00	601.60	42.18
CC48	1/12/00	2000	13.00	666.50	46.73
CC48	2/28/00	2000	9.40	1301.60	65.99
CC48	3/15/00	2000	13.00	654.80	45.91
CC48	6/27/02	2002	15.00	565.60	45.76
CC48	7/17/02	2002	12.00	624.80	40.44
CC48	8/14/02	2002	13.00	634.70	44.50
CC48	9/18/02	2002	17.00	720.20	66.04
CC48	10/25/02	2002	15.00	836.30	67.66
CC48	11/12/02	2002	14	736.6	55.62
CC48	12/8/02	2002	13	719.3	50.44
CC48	1/8/03	2003	8.5	699.3	32.06
CC48	2/1/03	2003	8.7	1032.8	48.46
CC48	3/9/03	2003	9.7	823.4	43.08
CC48	4/24/03	2003	23	1353	167.85
CC48	5/7/03	2003	33	1397	248.66
CC48	6/2/03	2003	194	588.7	616.01
CC48	3/3/04	2004	9.8	1421.8	75.15
CC48	7/6/05	2005	77.00	707.00	293.63
CC48	9/15/05	2005	17.00	2410.00	220.98
CC48	10/13/05	2005	22.00	2321.50	275.48
CC48	11/2/05	2005	20.00	2193.00	236.57
CC48	12/20/05	2005	13.00	2408.00	168.85
CC48	1/6/06	2006	13.00	2400.00	168.29
CC48	1/6/06	2006	20.00	2551.20	275.21
CC48	2/8/06	2006	12.00	2384.70	154.35
CC48	3/15/06	2006	16.00	2360.00	203.67



CC48	5/10/06	2006	59.00	1280.00	407.34
CC48	6/6/06	2006	142.00	707.60	541.96
CC48	7/12/06	2006	33.00	1730.00	307.93
CC48	7/12/06	2006	33.00	1698.00	302.23
CC48	9/6/06	2006	20.00	2680.00	289.11
CC48	11/1/06	2006	38.00	1900.00	389.43
CC48	3/7/07	2007	14.00	2970.00	224.27
CC48	5/11/07	2007	119.00	1320.00	847.25
CC48	7/11/07	2007	37.00	1480.00	295.36
CC48	9/5/07	2007	20.00	2910.00	313.92
CC48	11/7/07	2007	20.00	2550.00	275.08
CC48	3/12/08	2008	13.00	2980.00	208.95
CC48	7/9/08	2008	93.00	1050.00	526.70
CC48	9/3/08	2008	20.00	2500.20	269.71
CC48	3/3/09	2009	14.00	2740.00	206.91
CC48	5/13/09	2009	308.00	670.00	1113.06
CC48	5/13/09	2009	308.00	644.10	1070.03
CC48	5/19/09	2009	265.00	641.00	916.21
CC48	6/16/09	2009	61.00	1130.00	371.79
CC48	7/8/09	2009	40.00	1480.00	319.31
CC48	7/14/09	2009	32.00	1600.00	276.16
CC48	7/14/09	2009	28.00	1600.00	241.64
CC48	8/18/09	2009	16.00	2580.00	222.65
CC48	9/16/09	2009	17.00	2630.00	241.16
CC48	9/16/09	2009	17.00	2515.00	230.61
CC48	9/22/09	2009	16.00	2690.00	232.15
CC48	11/4/09	2009	15.00	2570.00	207.93
CC48	11/17/09	2009	14.00	2890.00	218.23
CC48	3/17/10	2010	11.00	2730.00	161.97
CC48	4/13/10	2010	31.00	1770.00	295.96
CC48	5/5/10	2010	70.00	1390.00	524.81
CC48	5/5/10	2010	70.00	1560.20	589.08
CC48	6/2/10	2010	161.00	655.00	568.80
CC48	7/8/10	2010	26.00	1650.00	231.39
CC48	7/8/10	2010	26.00	1500.90	210.48
CC48	7/13/10	2010	21.00	1720.00	194.82
CC48	9/9/10	2010	17.00	2370.00	217.31
CC48	9/9/10	2010	17.00	2338.70	214.44
CC48	9/14/10	2010	15.00	2480.00	200.65
CC48	11/2/10	2010	15.00	2600.00	210.36
CC48	11/3/10	2010	14.00	2690.00	203.13
CC48	11/3/10	2010	14.00	2431.80	183.63
CC48	3/9/11	2011	12.00	2360.00	152.75
CC48	3/15/11	2011	12.00	2430.00	157.28
CC48	5/4/11	2011	19.00	2270.00	232.63

<b>CC48</b>	6/14/11	2011	282.00	551.00	838.09
<b>CC48</b>	7/19/11	2011	68.00	1100.00	403.45
<b>CC48</b>	8/16/11	2011	21.00	1970.00	223.14
<b>CC48</b>	9/7/11	2011	18.00	2440.00	236.89
<b>CC48</b>	9/13/11	2011	18.00	2160.00	209.71
<b>CC48</b>	10/18/11	2011	19.00	2510.00	257.23
<b>CC48</b>	11/2/11	2011	17.00	2360.00	216.40
<b>CC48</b>	5/15/12	2012	68.00	1070.00	392.45
<b>CC48</b>	10/2/12	2012	14.00	2560.00	193.31
<b>CC48</b>	5/14/13	2013	123.00	1180.00	782.85









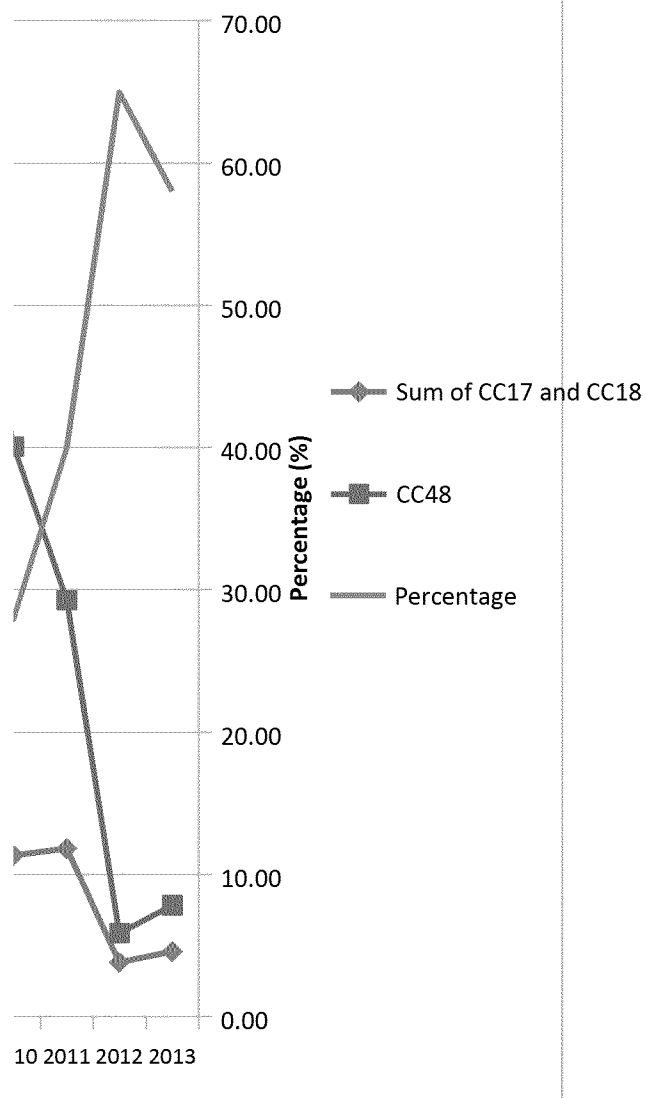


Row Labels	Sum of Zinc Load
CC17	207.89
1991	47.57
1992	18.01
1996	8.66
1997	51.89
2012	35.55
2013	46.21
CC18	4800.50
1991	41.42
1992	253.84
1993	34.46
2009	1400.10
2010	1133.66
2011	1181.78
2012	344.42
2013	410.80
CC48	31661.61
1994	75.65
1995	1974.82
1996	88.84
1997	546.21
1998	4107.57
1999	1740.97
2000	158.64
2002	370.47
2003	1156.12
2004	75.15
2005	1195.51
2006	3039.52
2007	1955.89
2008	1005.37



2009	5867.84
2010	4006.85
2011	2927.59
2012	585.76
2013	782.85
Grand Total	36669.99

# CC17























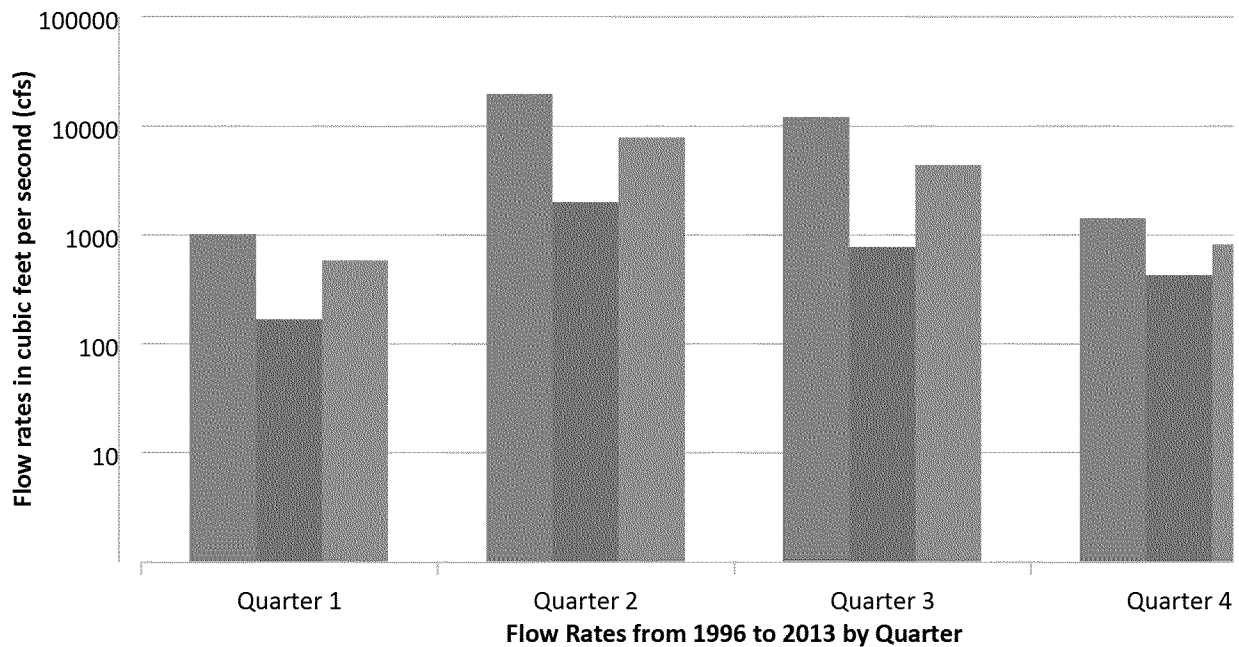








## Quarterly Flow Rates from 1996 to 2013 from M34, CC48, and Standard Deviation



Location	Date	Year	Quarter	Flow (cfs)
A68	12/8/91	1991	4th Quarter	25.0
A68	1/15/92	1992	1st Quarter	17.8
A68	4/30/92	1992	2nd Quarter	328.0
A68	7/27/92	1992	3rd Quarter	191.0
A68	8/10/92	1992	3rd Quarter	91.0
A68	8/24/92	1992	3rd Quarter	116.0
A68	9/16/92	1992	3rd Quarter	60.0
A68	1/13/93	1993	1st Quarter	16.0
A68	2/17/93	1993	1st Quarter	16.0
A68	3/10/93	1993	1st Quarter	22.0
A68	3/31/93	1993	1st Quarter	24.0
A68	4/14/93	1993	2nd Quarter	27.0
A68	4/21/93	1993	2nd Quarter	40.0
A68	4/29/93	1993	2nd Quarter	99.0
A68	5/4/93	1993	2nd Quarter	132.0
A68	5/12/93	1993	2nd Quarter	190.0
A68	5/26/93	1993	2nd Quarter	741.0
A68	6/2/93	1993	2nd Quarter	718.0
A68	6/9/93	1993	2nd Quarter	299.0
A68	6/16/93	1993	2nd Quarter	907.0
A68	6/23/93	1993	2nd Quarter	769.0
A68	7/21/93	1993	3rd Quarter	221.0



A68	7/28/93	1993	3rd Quarter	170.0
A68	8/11/93	1993	3rd Quarter	122.0
A68	8/25/93	1993	3rd Quarter	83.0
A68	9/15/93	1993	3rd Quarter	88.0
A68	10/13/93	1993	4th Quarter	52.0
A68	11/17/93	1993	4th Quarter	33.0
A68	12/15/93	1993	4th Quarter	24.0
A68	1/12/94	1994	1st Quarter	53.0
A68	12/13/94	1994	4th Quarter	41.0
A68	1/18/95	1995	1st Quarter	32.0
A68	4/12/95	1995	2nd Quarter	49.0
A68	4/9/96	1996	2nd Quarter	60.3
A68	1/5/00	2000	1st Quarter	29.0
A68	3/1/00	2000	1st Quarter	17.0
A68	5/3/00	2000	2nd Quarter	328.0
A68	7/5/00	2000	3rd Quarter	92.0
A68	9/6/00	2000	3rd Quarter	106.0
A68	5/7/03	2003	2nd Quarter	94.9
A68	7/2/03	2003	3rd Quarter	206.5
A68	9/11/03	2003	3rd Quarter	132.0
A68	3/3/04	2004	1st Quarter	54.0
A68	3/3/04	2004	1st Quarter	54.0
A68	5/5/04	2004	2nd Quarter	210.0
A68	5/5/04	2004	2nd Quarter	210.0
A68	7/7/04	2004	3rd Quarter	169.3
A68	9/1/04	2004	3rd Quarter	31.0
A68	11/10/04	2004	4th Quarter	42.4
A68	5/4/05	2005	2nd Quarter	85.0
A68	5/4/05	2005	2nd Quarter	86.0
A68	7/6/05	2005	3rd Quarter	365.0
A68	9/15/05	2005	3rd Quarter	41.0
A68	10/13/05	2005	4th Quarter	109.0
A68	11/2/05	2005	4th Quarter	64.0
A68	11/2/05	2005	4th Quarter	64.0
A68	1/6/06	2006	1st Quarter	29.0
A68	2/8/06	2006	1st Quarter	30.0
A68	3/15/06	2006	1st Quarter	44.0
A68	5/10/06	2006	2nd Quarter	170.0
A68	7/12/06	2006	3rd Quarter	171.0
A68	9/6/06	2006	3rd Quarter	73.0
A68	11/1/06	2006	4th Quarter	90.0
A68	3/7/07	2007	1st Quarter	22.0
A68	5/11/07	2007	2nd Quarter	339.0
A68	7/11/07	2007	3rd Quarter	177.0
A68	9/5/07	2007	3rd Quarter	64.0
A68	3/12/08	2008	1st Quarter	80.0
A68	7/9/08	2008	3rd Quarter	393.0
A68	9/3/08	2008	3rd Quarter	69.0
A68	9/3/08	2008	3rd Quarter	69.0
A68	5/13/09	2009	2nd Quarter	562.0
A68	5/13/09	2009	2nd Quarter	562.0
A68	7/8/09	2009	3rd Quarter	318.0
A68	8/12/09	2009	3rd Quarter	318.0

A68	9/16/09	2009	3rd Quarter	73.0
A68	11/4/09	2009	4th Quarter	25.7
A68	5/5/10	2010	2nd Quarter	131.1
A68	5/5/10	2010	2nd Quarter	131.1
A68	7/8/10	2010	3rd Quarter	125.0
A68	7/8/10	2010	3rd Quarter	125.0
A68	9/9/10	2010	3rd Quarter	73.0
A68	11/3/10	2010	4th Quarter	58.0
A68	11/3/10	2010	4th Quarter	58.0
A68	3/9/11	2011	1st Quarter	42.0
A68	5/4/11	2011	2nd Quarter	35.0
A68	9/7/11	2011	3rd Quarter	51.0
A68	11/2/11	2011	4th Quarter	96.0
A68	5/15/12	2012	2nd Quarter	230.0
A68	10/1/12	2012	4th Quarter	29.0
A68	5/14/13	2013	2nd Quarter	309.0
CC48	9/2/98	1998	3rd Quarter	17.0
CC48	6/23/99	1999	2nd Quarter	170.0
CC48	7/6/05	2005	3rd Quarter	77.0
CC48	9/15/05	2005	3rd Quarter	17.0
CC48	10/13/05	2005	4th Quarter	17.0
CC48	11/2/05	2005	4th Quarter	211.0
CC48	12/20/05	2005	4th Quarter	13.0
CC48	1/6/06	2006	1st Quarter	13.0
CC48	1/6/06	2006	1st Quarter	20.0
CC48	2/8/06	2006	1st Quarter	13.0
CC48	3/15/06	2006	1st Quarter	16.0
CC48	5/10/06	2006	2nd Quarter	59.0
CC48	6/6/06	2006	2nd Quarter	142.0
CC48	7/12/06	2006	3rd Quarter	33.0
CC48	7/12/06	2006	3rd Quarter	33.0
CC48	9/6/06	2006	3rd Quarter	20.0
CC48	11/1/06	2006	4th Quarter	38.0
CC48	3/7/07	2007	1st Quarter	14.0
CC48	5/11/07	2007	2nd Quarter	119.0
CC48	7/11/07	2007	3rd Quarter	37.0
CC48	9/5/07	2007	3rd Quarter	20.0
CC48	11/7/07	2007	4th Quarter	20.0
CC48	3/12/08	2008	1st Quarter	40.0
CC48	7/9/08	2008	3rd Quarter	125.0
CC48	9/3/08	2008	3rd Quarter	10.0
CC48	3/3/09	2009	1st Quarter	12.0
CC48	5/13/09	2009	2nd Quarter	292.0
CC48	5/13/09	2009	2nd Quarter	292.0
CC48	5/19/09	2009	2nd Quarter	227.0
CC48	6/16/09	2009	2nd Quarter	58.0
CC48	7/8/09	2009	3rd Quarter	43.0
CC48	7/14/09	2009	3rd Quarter	28.0
CC48	8/18/09	2009	3rd Quarter	18.0
CC48	9/16/09	2009	3rd Quarter	17.0
CC48	9/16/09	2009	3rd Quarter	17.0
CC48	9/22/09	2009	3rd Quarter	18.0
CC48	11/4/09	2009	4th Quarter	18.0

CC48	11/17/09	2009	4th Quarter	15.3
CC48	3/17/10	2010	1st Quarter	13.7
CC48	4/13/10	2010	2nd Quarter	26.4
CC48	5/5/10	2010	2nd Quarter	40.0
CC48	5/5/10	2010	2nd Quarter	40.0
CC48	6/2/10	2010	2nd Quarter	137.0
CC48	7/8/10	2010	3rd Quarter	25.0
CC48	7/8/10	2010	3rd Quarter	25.0
CC48	7/13/10	2010	3rd Quarter	21.0
CC48	9/9/10	2010	3rd Quarter	17.0
CC48	9/9/10	2010	3rd Quarter	17.0
CC48	9/14/10	2010	3rd Quarter	15.0
CC48	11/2/10	2010	4th Quarter	15.0
CC48	11/3/10	2010	4th Quarter	14.0
CC48	11/3/10	2010	4th Quarter	14.0
CC48	3/9/11	2011	1st Quarter	12.0
CC48	3/15/11	2011	1st Quarter	14.9
CC48	5/4/11	2011	2nd Quarter	30.0
CC48	6/14/11	2011	2nd Quarter	216.0
CC48	7/19/11	2011	3rd Quarter	65.0
CC48	8/16/11	2011	3rd Quarter	20.0
CC48	9/7/11	2011	3rd Quarter	17.0
CC48	9/13/11	2011	3rd Quarter	17.0
CC48	10/18/11	2011	4th Quarter	18.0
CC48	11/2/11	2011	4th Quarter	17.0
CC48	5/15/12	2012	2nd Quarter	59.0
CC48	10/2/12	2012	4th Quarter	14.0
CC48	5/14/13	2013	2nd Quarter	91.0
M34	9/5/91	1991	3rd Quarter	34.0
M34	9/6/91	1991	3rd Quarter	89.0
M34	9/7/91	1991	3rd Quarter	118.0
M34	9/9/91	1991	3rd Quarter	112.0
M34	9/10/91	1991	3rd Quarter	108.0
M34	12/7/91	1991	4th Quarter	21.0
M34	2/13/92	1992	1st Quarter	15.0
M34	3/5/92	1992	1st Quarter	17.0
M34	3/16/92	1992	1st Quarter	21.0
M34	4/13/92	1992	2nd Quarter	26.0
M34	4/20/92	1992	2nd Quarter	52.0
M34	4/30/92	1992	2nd Quarter	189.0
M34	5/5/92	1992	2nd Quarter	202.0
M34	5/11/92	1992	2nd Quarter	145.0
M34	5/18/92	1992	2nd Quarter	305.0
M34	5/26/92	1992	2nd Quarter	307.0
M34	6/1/92	1992	2nd Quarter	193.0
M34	6/8/92	1992	2nd Quarter	276.0
M34	6/15/92	1992	2nd Quarter	345.0
M34	6/22/92	1992	2nd Quarter	406.0
M34	7/14/92	1992	3rd Quarter	152.0
M34	7/21/92	1992	3rd Quarter	105.0
M34	7/27/92	1992	3rd Quarter	178.0
M34	8/10/92	1992	3rd Quarter	89.0
M34	8/24/92	1992	3rd Quarter	162.0

M34	9/15/92	1992	3rd Quarter	69.0
M34	9/15/92	1992	3rd Quarter	53.0
M34	10/14/92	1992	4th Quarter	32.0
M34	10/14/92	1992	4th Quarter	32.0
M34	10/15/92	1992	4th Quarter	31.0
M34	11/18/92	1992	4th Quarter	29.0
M34	12/16/92	1992	4th Quarter	20.0
M34	1/13/93	1993	1st Quarter	17.0
M34	2/17/93	1993	1st Quarter	17.0
M34	3/10/93	1993	1st Quarter	24.0
M34	3/31/93	1993	1st Quarter	25.0
M34	4/14/93	1993	2nd Quarter	29.0
M34	4/21/93	1993	2nd Quarter	39.0
M34	4/28/93	1993	2nd Quarter	109.0
M34	5/4/93	1993	2nd Quarter	112.0
M34	5/12/93	1993	2nd Quarter	140.0
M34	5/26/93	1993	2nd Quarter	575.0
M34	6/9/93	1993	2nd Quarter	213.0
M34	6/16/93	1993	2nd Quarter	863.0
M34	6/23/93	1993	2nd Quarter	738.0
M34	7/14/93	1993	3rd Quarter	261.0
M34	7/20/93	1993	3rd Quarter	175.0
M34	7/21/93	1993	3rd Quarter	184.0
M34	7/21/93	1993	3rd Quarter	175.0
M34	7/28/93	1993	3rd Quarter	140.0
M34	8/25/93	1993	3rd Quarter	67.0
M34	9/15/93	1993	3rd Quarter	61.0
M34	10/13/93	1993	4th Quarter	43.0
M34	11/17/93	1993	4th Quarter	40.0
M34	12/15/93	1993	4th Quarter	38.0
M34	1/12/94	1994	1st Quarter	40.0
M34	10/12/94	1994	4th Quarter	53.0
M34	11/9/94	1994	4th Quarter	36.0
M34	11/9/94	1994	4th Quarter	38.0
M34	12/13/94	1994	4th Quarter	33.0
M34	1/18/95	1995	1st Quarter	19.6
M34	4/12/95	1995	2nd Quarter	42.0
M34	4/12/95	1995	2nd Quarter	1.2
M34	4/19/95	1995	2nd Quarter	40.0
M34	5/3/95	1995	2nd Quarter	43.0
M34	5/10/95	1995	2nd Quarter	41.0
M34	5/22/95	1995	2nd Quarter	226.0
M34	6/7/95	1995	2nd Quarter	317.0
M34	6/14/95	1995	2nd Quarter	718.0
M34	6/21/95	1995	2nd Quarter	770.0
M34	6/28/95	1995	2nd Quarter	529.0
M34	7/5/95	1995	3rd Quarter	380.0
M34	7/12/95	1995	3rd Quarter	797.0
M34	7/19/95	1995	3rd Quarter	540.0
M34	8/2/95	1995	3rd Quarter	298.0
M34	8/8/95	1995	3rd Quarter	290.0
M34	8/8/95	1995	3rd Quarter	260.0
M34	8/16/95	1995	3rd Quarter	162.0

M34	9/6/95	1995	3rd Quarter	93.0
M34	9/13/95	1995	3rd Quarter	77.0
M34	10/5/95	1995	4th Quarter	46.0
M34	10/5/95	1995	4th Quarter	48.0
M34	11/29/95	1995	4th Quarter	24.0
M34	1/16/96	1996	1st Quarter	16.0
M34	2/14/96	1996	1st Quarter	20.0
M34	3/13/96	1996	1st Quarter	25.0
M34	3/20/96	1996	1st Quarter	23.0
M34	4/9/96	1996	2nd Quarter	58.0
M34	4/10/96	1996	2nd Quarter	77.0
M34	4/17/96	1996	2nd Quarter	41.0
M34	5/1/96	1996	2nd Quarter	110.0
M34	5/8/96	1996	2nd Quarter	312.0
M34	5/15/96	1996	2nd Quarter	514.0
M34	5/21/96	1996	2nd Quarter	524.0
M34	5/29/96	1996	2nd Quarter	112.0
M34	6/5/96	1996	2nd Quarter	348.0
M34	6/12/96	1996	2nd Quarter	245.0
M34	6/19/96	1996	2nd Quarter	208.0
M34	6/26/96	1996	2nd Quarter	148.0
M34	7/3/96	1996	3rd Quarter	133.0
M34	7/10/96	1996	3rd Quarter	121.0
M34	7/16/96	1996	3rd Quarter	75.0
M34	7/17/96	1996	3rd Quarter	74.0
M34	8/7/96	1996	3rd Quarter	44.0
M34	8/14/96	1996	3rd Quarter	36.0
M34	8/21/96	1996	3rd Quarter	35.0
M34	9/18/96	1996	3rd Quarter	72.0
M34	10/16/96	1996	4th Quarter	73.0
M34	11/13/96	1996	4th Quarter	46.0
M34	11/19/96	1996	4th Quarter	35.2
M34	12/18/96	1996	4th Quarter	31.0
M34	1/3/97	1997	1st Quarter	26.3
M34	1/7/97	1997	1st Quarter	23.0
M34	1/15/97	1997	1st Quarter	24.0
M34	1/30/97	1997	1st Quarter	25.8
M34	2/25/97	1997	1st Quarter	20.9
M34	3/5/97	1997	1st Quarter	21.0
M34	3/12/97	1997	1st Quarter	24.0
M34	3/19/97	1997	1st Quarter	30.0
M34	3/25/97	1997	1st Quarter	40.4
M34	4/2/97	1997	2nd Quarter	38.0
M34	4/16/97	1997	2nd Quarter	33.0
M34	4/29/97	1997	2nd Quarter	68.7
M34	4/30/97	1997	2nd Quarter	66.0
M34	5/7/97	1997	2nd Quarter	151.0
M34	5/13/97	1997	2nd Quarter	210.0
M34	5/20/97	1997	2nd Quarter	273.0
M34	5/21/97	1997	2nd Quarter	352.0
M34	5/28/97	1997	2nd Quarter	175.0
M34	5/28/97	1997	2nd Quarter	171.0
M34	6/5/97	1997	2nd Quarter	752.0

M34	6/12/97	1997	2nd Quarter	494.0
M34	6/17/97	1997	2nd Quarter	468.0
M34	6/26/97	1997	2nd Quarter	445.0
M34	7/1/97	1997	3rd Quarter	487.0
M34	7/9/97	1997	3rd Quarter	246.0
M34	7/14/97	1997	3rd Quarter	242.0
M34	7/30/97	1997	3rd Quarter	393.0
M34	8/10/97	1997	3rd Quarter	445.0
M34	8/12/97	1997	3rd Quarter	204.0
M34	8/13/97	1997	3rd Quarter	192.0
M34	8/25/97	1997	3rd Quarter	90.0
M34	8/25/97	1997	3rd Quarter	94.0
M34	9/11/97	1997	3rd Quarter	86.0
M34	9/25/97	1997	3rd Quarter	181.0
M34	10/22/97	1997	4th Quarter	83.1
M34	11/12/97	1997	4th Quarter	51.0
M34	11/25/97	1997	4th Quarter	38.7
M34	12/23/97	1997	4th Quarter	14.8
M34	1/7/98	1998	1st Quarter	24.0
M34	2/13/98	1998	1st Quarter	29.2
M34	3/5/98	1998	1st Quarter	21.0
M34	3/16/98	1998	1st Quarter	19.4
M34	3/19/98	1998	1st Quarter	25.0
M34	4/22/98	1998	2nd Quarter	29.4
M34	5/5/98	1998	2nd Quarter	157.0
M34	5/7/98	1998	2nd Quarter	11.0
M34	5/28/98	1998	2nd Quarter	424.0
M34	6/2/98	1998	2nd Quarter	618.0
M34	6/10/98	1998	2nd Quarter	197.0
M34	6/25/98	1998	2nd Quarter	300.0
M34	7/1/98	1998	3rd Quarter	382.0
M34	7/9/98	1998	3rd Quarter	254.0
M34	7/22/98	1998	3rd Quarter	119.0
M34	9/9/98	1998	3rd Quarter	51.0
M34	9/30/98	1998	3rd Quarter	45.4
M34	11/3/98	1998	4th Quarter	40.0
M34	1/6/99	1999	1st Quarter	21.0
M34	3/3/99	1999	1st Quarter	20.0
M34	5/6/99	1999	2nd Quarter	41.0
M34	1/5/00	2000	1st Quarter	34.0
M34	3/1/00	2000	1st Quarter	20.0
M34	5/3/00	2000	2nd Quarter	235.0
M34	7/5/00	2000	3rd Quarter	76.0
M34	9/6/00	2000	3rd Quarter	65.0
M34	5/7/03	2003	2nd Quarter	65.2
M34	7/2/03	2003	3rd Quarter	92.3
M34	9/11/03	2003	3rd Quarter	90.0
M34	3/3/04	2004	1st Quarter	45.0
M34	3/3/04	2004	1st Quarter	45.0
M34	5/5/04	2004	2nd Quarter	154.6
M34	5/5/04	2004	2nd Quarter	154.6
M34	7/7/04	2004	3rd Quarter	129.4
M34	7/7/04	2004	3rd Quarter	129.4

M34	9/1/04	2004	3rd Quarter	35.2
M34	10/14/04	2004	4th Quarter	55.0
M34	11/10/04	2004	4th Quarter	47.1
M34	5/4/05	2005	2nd Quarter	51.0
M34	5/4/05	2005	2nd Quarter	51.0
M34	7/6/05	2005	3rd Quarter	392.0
M34	9/15/05	2005	3rd Quarter	45.0
M34	9/15/05	2005	3rd Quarter	45.0
M34	11/2/05	2005	4th Quarter	52.0
M34	1/6/06	2006	1st Quarter	21.0
M34	3/15/06	2006	1st Quarter	19.0
M34	5/10/06	2006	2nd Quarter	100.0
M34	7/12/06	2006	3rd Quarter	120.0
M34	9/6/06	2006	3rd Quarter	49.0
M34	11/1/06	2006	4th Quarter	71.0
M34	3/7/07	2007	1st Quarter	22.0
M34	5/11/07	2007	2nd Quarter	228.0
M34	7/11/07	2007	3rd Quarter	138.0
M34	9/5/07	2007	3rd Quarter	61.0
M34	11/7/07	2007	4th Quarter	44.0
M34	3/12/08	2008	1st Quarter	80.0
M34	7/9/08	2008	3rd Quarter	260.8
M34	9/3/08	2008	3rd Quarter	86.0
M34	3/3/09	2009	1st Quarter	25.0
M34	5/13/09	2009	2nd Quarter	636.0
M34	5/19/09	2009	2nd Quarter	416.0
M34	6/16/09	2009	2nd Quarter	212.0
M34	7/8/09	2009	3rd Quarter	187.0
M34	7/14/09	2009	3rd Quarter	119.0
M34	8/18/09	2009	3rd Quarter	41.0
M34	9/16/09	2009	3rd Quarter	30.0
M34	9/22/09	2009	3rd Quarter	53.0
M34	11/4/09	2009	4th Quarter	30.0
M34	3/3/10	2010	1st Quarter	25.0
M34	5/5/10	2010	2nd Quarter	130.0
M34	7/8/10	2010	3rd Quarter	109.0
M34	11/3/10	2010	4th Quarter	38.0
M34	5/4/11	2011	2nd Quarter	43.0
M34	6/14/11	2011	2nd Quarter	515.0
M34	7/19/11	2011	3rd Quarter	266.0
M34	8/16/11	2011	3rd Quarter	66.0
M34	9/7/11	2011	3rd Quarter	48.0
M34	9/13/11	2011	3rd Quarter	37.0
M34	10/18/11	2011	4th Quarter	50.0
M34	11/2/11	2011	4th Quarter	35.0
M34	5/15/12	2012	2nd Quarter	194.0
M34	10/2/12	2012	4th Quarter	30.0
M34	5/15/13	2013	2nd Quarter	185.0

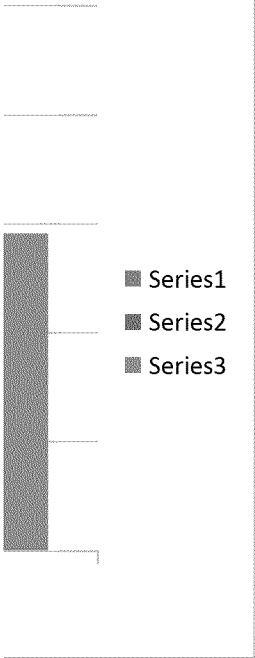
Row Labels	Sum of Flow (cfs)	StdDev of Flow (cfs)2
1st Quarter	1761.04	14.00
A68	581.80	17.85

CC48	168.64	8.47
M34	1010.60	11.52
2nd Quarter	29373.42	214.10
A68	7842.35	253.10
CC48	1998.40	91.11
M34	19532.67	211.29
3rd Quarter	17253.25	123.13
A68	4383.80	95.60
CC48	769.00	24.81
M34	12100.45	136.13
4th Quarter	2664.32	30.00
A68	811.12	27.04
CC48	424.30	53.97
M34	1428.90	14.60
Grand Total	51052.03	163.49





d A48 with



	M34	CC48	A68
		Flow Data	
		(cfs)	
Quarter 1	1010.6	168.64	581.8
Quarter 2	19532.67	1998.40	7842.35
Quarter 3	12100.45	769.00	4383.8
Quarter 4	1428.9	424.30	811.12















		A68	Standard Deviation
		581.8	297.68
		7842.35	6199.30
		4383.8	4006.27
		811.12	355.18
M34	CC48		
	Flow Data		
	(cfs)		

Quarter 1	1010.6	168.64
Quarter 2	19532.67	1998.40
Quarter 3	12100.45	769.00
Quarter 4	1428.9	424.30







































































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